

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009304.D
 Acq On : 03 May 2019 11:57
 Operator : JC/SP
 Sample : VX0503WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Quant Time: May 04 01:56:57 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	5.01	128	31325	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	175092	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	154932	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	75076	28.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.30%
60) 4-Bromofluorobenzene	11.13	95	78597	29.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.50%
63) Toluene-d8	8.71	98	223148	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	31310	18.810	ug/l 98
3) Chloromethane	1.32	50	42851	19.153	ug/l 97
4) Vinyl Chloride	1.40	62	41689	18.678	ug/l 98
5) Bromomethane	1.64	94	23858	16.863	ug/l 99
6) Chloroethane	1.72	64	26891	18.371	ug/l 99
7) Trichlorofluoromethane	1.93	101	52363	18.999	ug/l 98
8) Diethyl Ether	2.18	74	24308	18.994	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34213	20.050	ug/l 99
10) 1,1-Dichloroethene	2.37	96	32261	18.829	ug/l 91
11) Methyl Iodide	2.51	142	33367	17.914	ug/l 97
12) Methyl Acetate	2.77	43	58212	18.038	ug/l 98
13) Acrolein	2.29	56	33644	76.009	ug/l 98
14) Acrylonitrile	3.14	53	130097	92.890	ug/l 99
15) Acetone	2.44	58	36383	90.479	ug/l 97
16) Carbon Disulfide	2.57	76	85859	18.521	ug/l 100
17) Allyl chloride	2.73	41	75799	18.427	ug/l 98
18) Methylene Chloride	2.85	84	38847	18.760	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	35065	19.195	ug/l 99
20) Diisopropyl ether	3.85	45	153511	18.951	ug/l 90
21) 1,1-Dichloroethane	3.69	63	74621	19.035	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	40954	18.611	ug/l 99
23) tert-Butyl Alcohol	3.04	59	51333	86.680	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	125143	18.663	ug/l 100
25) Chloroform	5.21	83	68353	19.107	ug/l 95
26) Cyclohexane	5.57	56	69912	19.135	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	50580	19.687	ug/l 98
30) 2-Butanone	4.67	43	194321	96.579	ug/l 100
31) 2,2-Dichloropropane	4.58	77	53911	19.034	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	55572	19.953	ug/l 97
33) Carbon Tetrachloride	5.78	117	46132	19.796	ug/l 98
34) Benzene	6.13	78	158784	20.047	ug/l 99
35) Methacrylonitrile	5.04	41	40176	19.085	ug/l 97
36) 1,2-Dichloroethane	6.18	62	56861	19.784	ug/l 100
37) Trichloroethene	7.21	130	37483	19.659	ug/l 98
38) Methylcyclohexane	7.46	83	64154	20.211	ug/l 99
39) 1,2-Dichloropropane	7.51	63	45623	20.227	ug/l 96
40) Dibromomethane	7.66	93	25647	20.034	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009304.D
 Acq On : 03 May 2019 11:57
 Operator : JC/SP
 Sample : VX0503WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Quant Time: May 04 01:56:57 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)
41) Bromodichloromethane	7.90	83	51971	19.874	ug/l	99
42) Vinyl Acetate	3.81	43	661303	99.584	ug/l	100
43) Ethyl Acetate	4.83	43	68943	18.963	ug/l	96
44) Isopropyl Acetate	6.44	43	113568	19.282	ug/l	98
45) 1,4-Dioxane	7.74	88	22520	389.443	ug/l	98
46) Methyl methacrylate	7.77	41	55756	18.966	ug/l	98
47) n-amyl Acetate	10.90	43	98602	18.584	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	57566	18.867	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	63987	19.103	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	38694	19.728	ug/l	99
51) Ethyl methacrylate	9.18	69	69636	19.212	ug/l	96
52) 1,3-Dichloropropane	9.37	76	69396	19.936	ug/l	100
53) Dibromochloromethane	9.58	129	38283	19.599	ug/l	99
54) 1,2-Dibromoethane	9.67	107	39576	19.674	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	192344	99.588	ug/l	99
56) Bromoform	10.85	173	27646	18.437	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	371743	97.581	ug/l	100
59) 2-Hexanone	9.49	43	284855	95.332	ug/l	100
61) Tetrachloroethene	9.34	164	34568	20.239	ug/l	97
62) Toluene	8.78	91	165499	19.991	ug/l	100
64) Chlorobenzene	10.13	112	98441	19.757	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	35673	19.554	ug/l	99
66) Ethyl Benzene	10.25	91	182523	19.790	ug/l	98
67) m/p-Xylenes	10.35	106	135102	40.121	ug/l	98
68) o-Xylene	10.69	106	65880	19.897	ug/l	98
69) Styrene	10.71	104	113281	19.490	ug/l	99
70) Isopropylbenzene	11.02	105	176688	19.842	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	63309	19.413	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	72078	25.648	ug/l	83
73) Bromobenzene	11.26	156	42746	19.429	ug/l	99
74) n-propylbenzene	11.36	91	206335	19.996	ug/l	100
75) 2-Chlorotoluene	11.42	91	123166	19.900	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	149994	19.886	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	19706	17.384	ug/l	93
78) 4-Chlorotoluene	11.51	91	138938	19.765	ug/l	100
79) tert-butylbenzene	11.77	119	145304	19.927	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	151153	19.994	ug/l	99
81) sec-Butylbenzene	11.94	105	173042	19.974	ug/l	99
82) p-Isopropyltoluene	12.06	119	155601	19.745	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	76453	19.458	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	75603	19.314	ug/l	98
85) n-Butylbenzene	12.38	91	140167	19.438	ug/l	99
86) Hexachloroethane	12.59	117	25100	18.717	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	77166	19.510	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	13908	18.353	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	53677	19.041	ug/l	99
90) Hexachlorobutadiene	13.78	225	27653	19.638	ug/l	99
91) Naphthalene	13.83	128	178284	19.316	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56884	19.851	ug/l	100

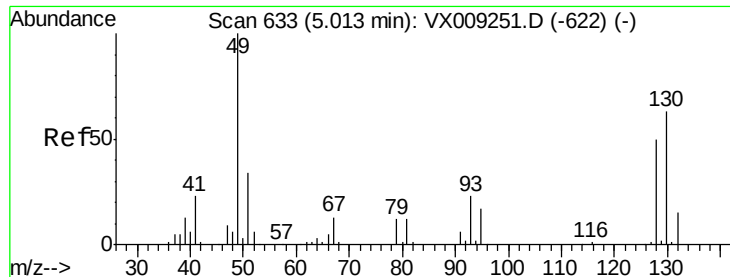
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
Data File : VX009304.D
Acq On : 03 May 2019 11:57
Operator : JC/SP
Sample : VX0503WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Quant Time: May 04 01:56:57 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)
--------------------	------	------	----------	------	-------	----------

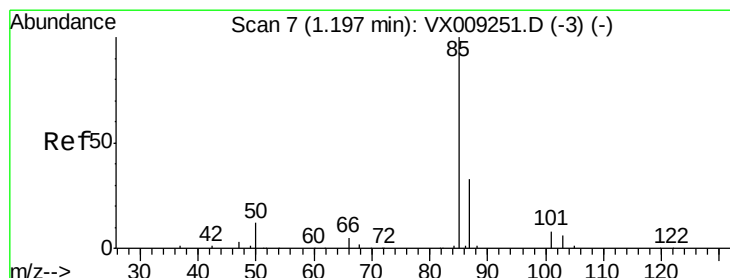
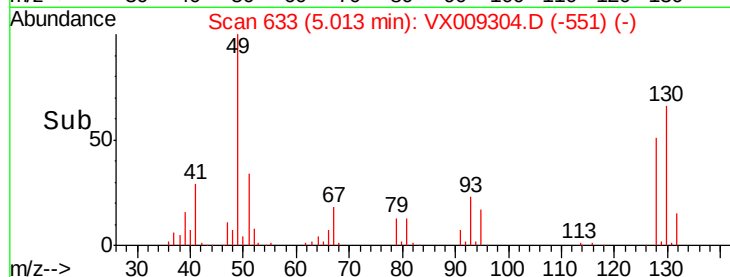
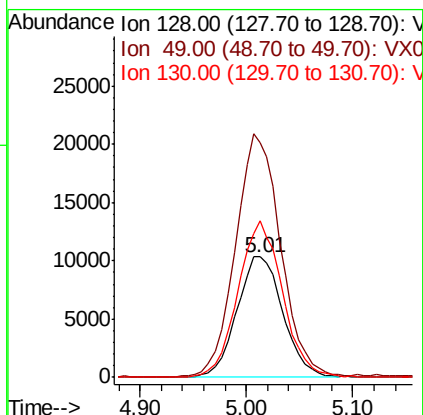
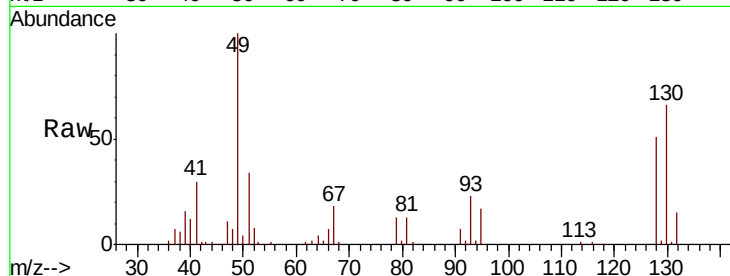
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

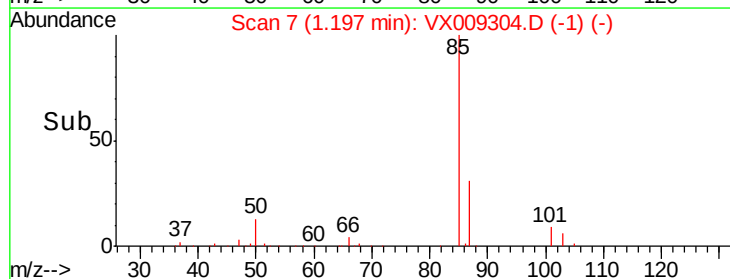
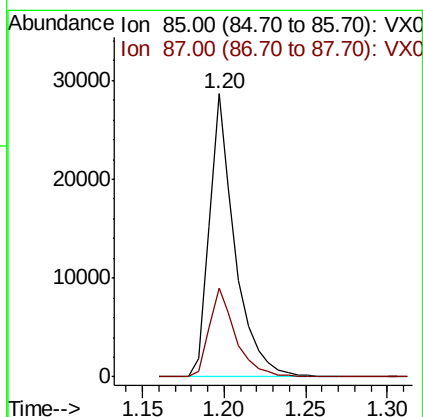
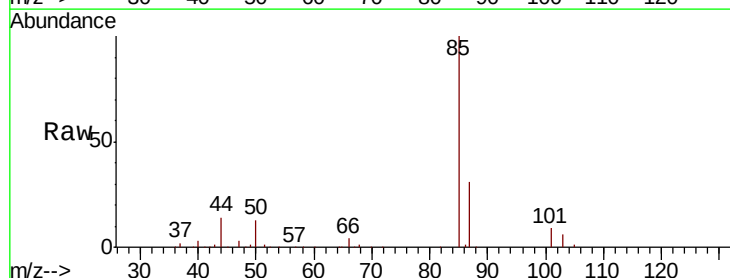
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

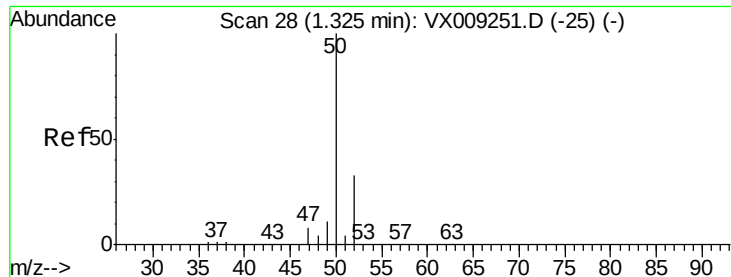
Tot Ion:128 Resp: 31325
Ion Ratio Lower Upper
128 100
49 199.1 0.0 515.0
130 125.5 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 18.810 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 85 Resp: 31310
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3

Chloromethane

Concen: 19.153 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

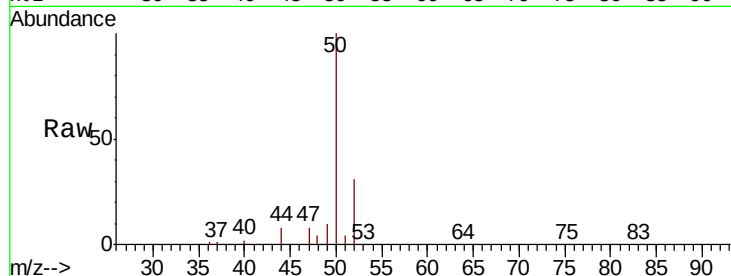
VX0503WBS01

Tot Ion: 50 Resp: 42851

Ion Ratio Lower Upper

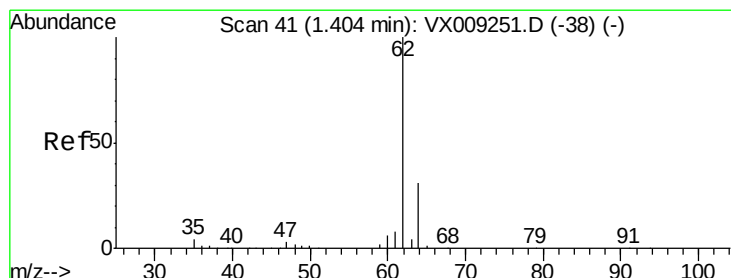
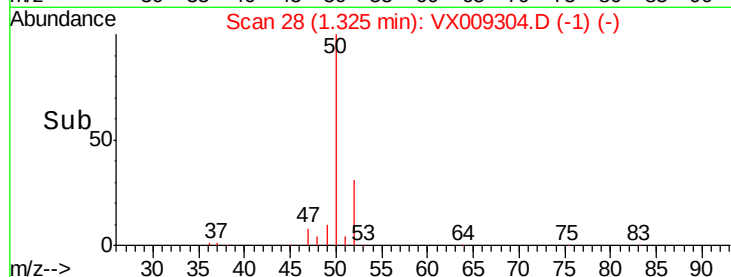
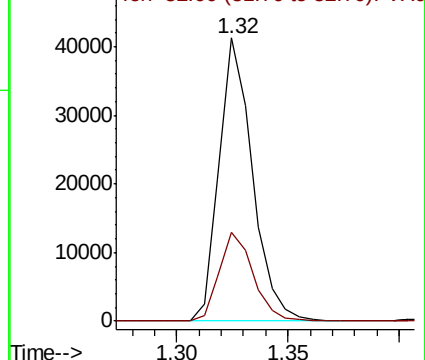
50 100

52 31.1 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.678 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009304.D

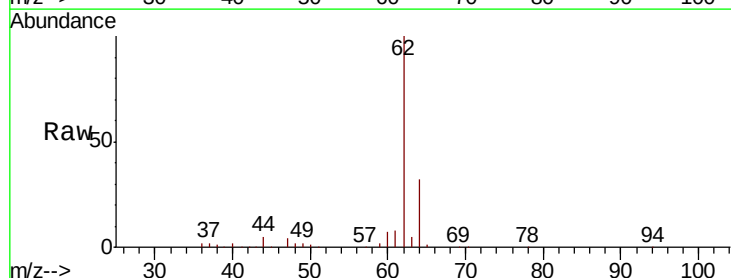
Acq: 03 May 2019 11:57

Tgt Ion: 62 Resp: 41689

Ion Ratio Lower Upper

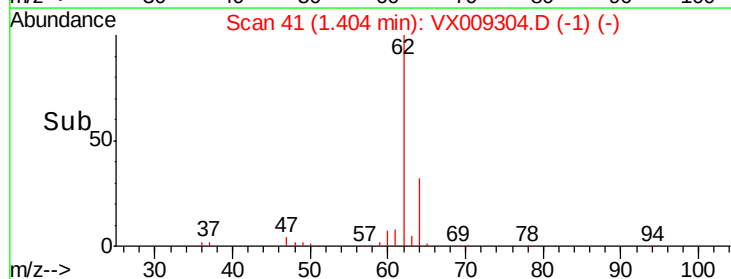
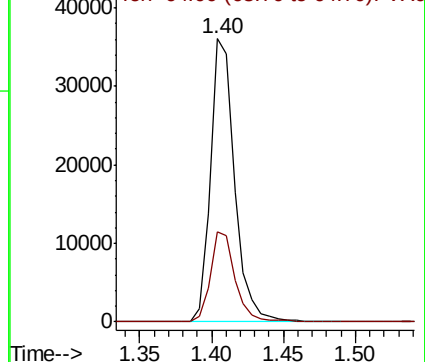
62 100

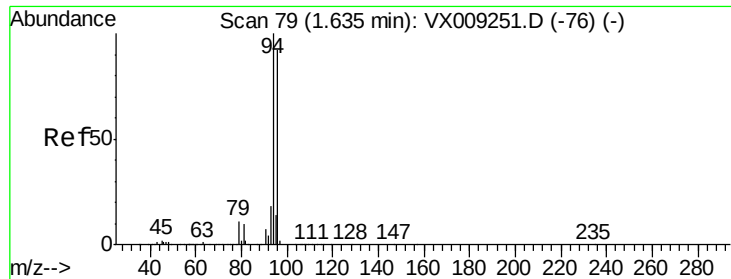
64 31.8 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.863 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

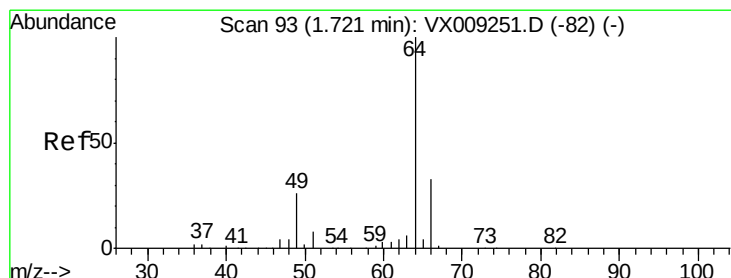
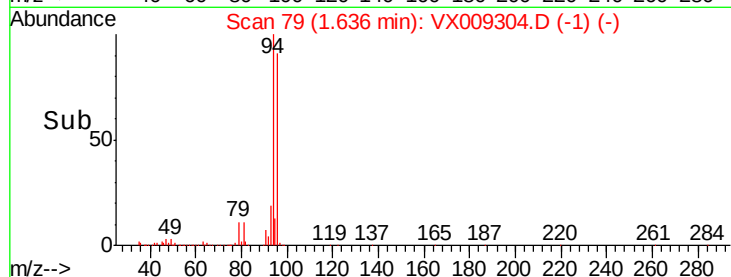
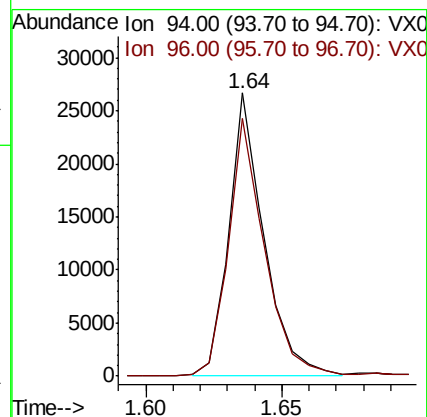
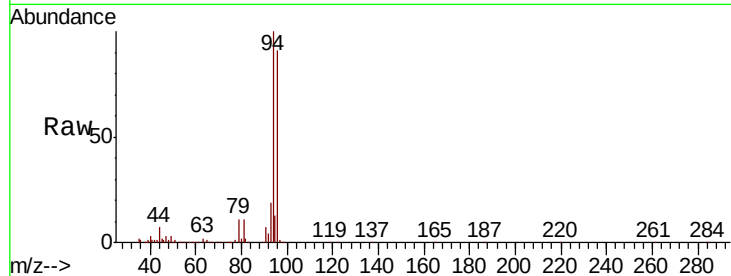
VX0503WBS01

Tot Ion: 94 Resp: 23858

Ion Ratio Lower Upper

94 100

96 91.4 73.5 110.3



#6

Chloroethane

Concen: 18.371 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009304.D

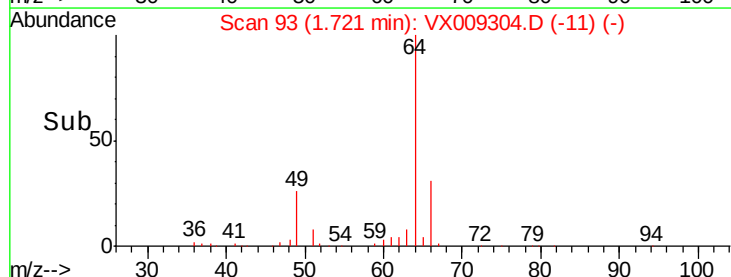
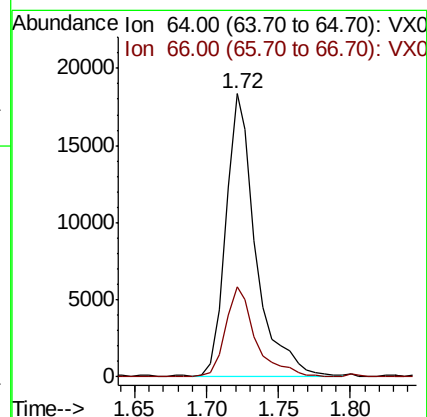
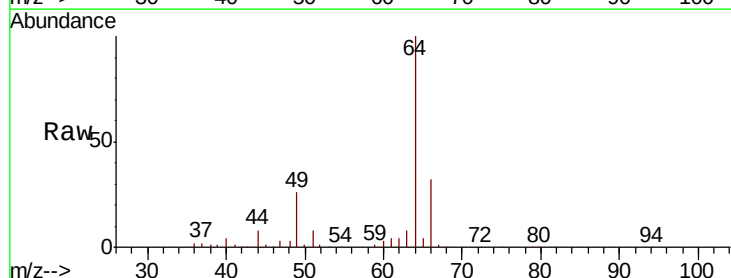
Acq: 03 May 2019 11:57

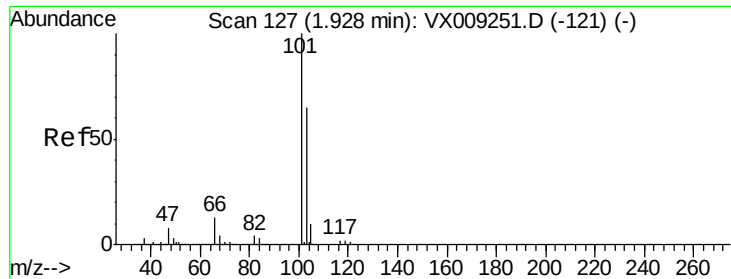
Tgt Ion: 64 Resp: 26891

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



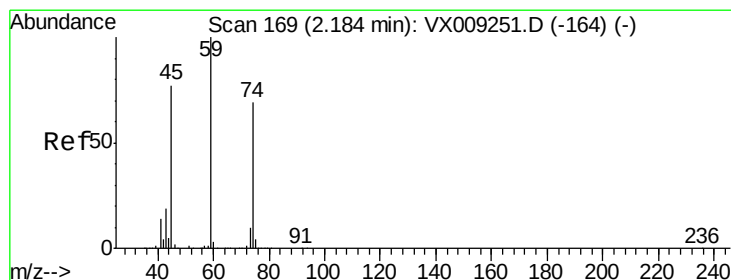
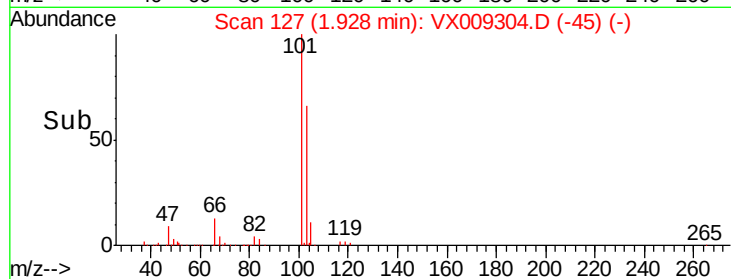
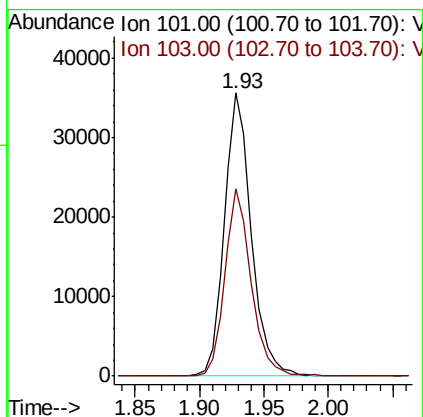
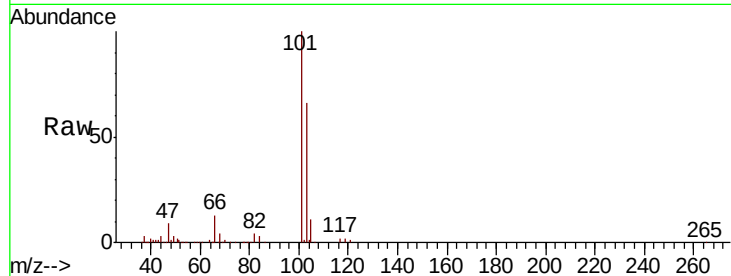


#7

Trichlorofluoromethane
 Concen: 18.999 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

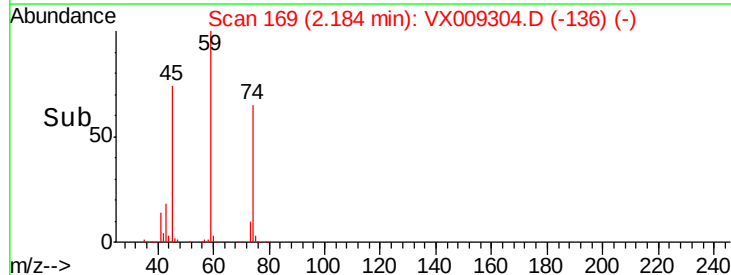
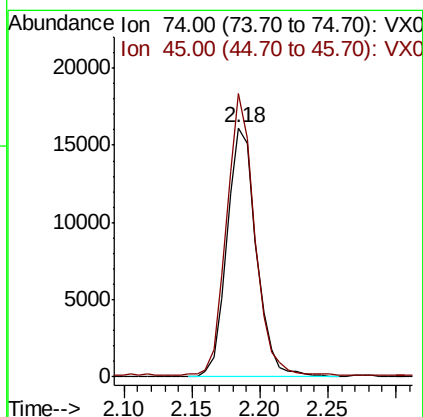
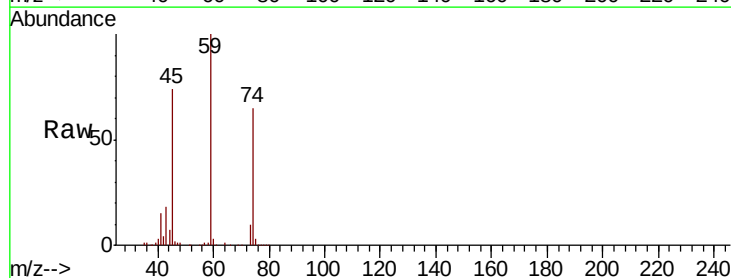
Tot Ion:101 Resp: 52363
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.9 77.9

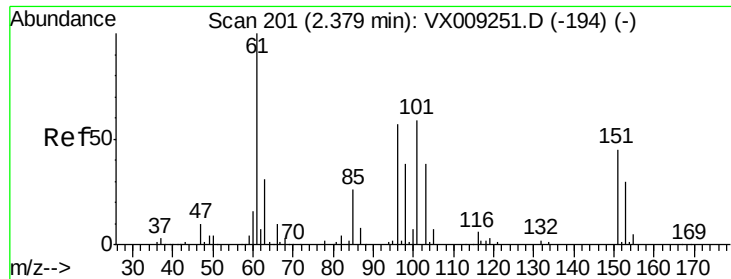


#8

Diethyl Ether
 Concen: 18.994 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 74 Resp: 24308
 Ion Ratio Lower Upper
 74 100
 45 107.5 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.050 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

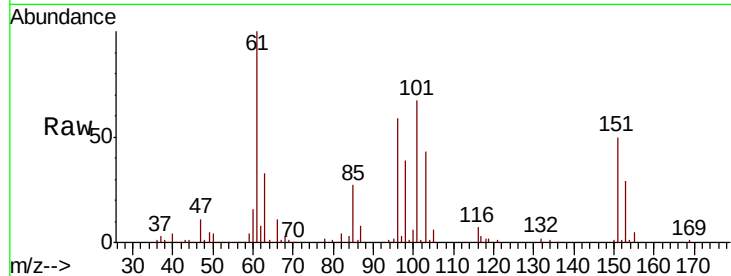
Tot Ion:101 Resp: 34213

Ion Ratio Lower Upper

101 100

85 42.5 0.0 87.4

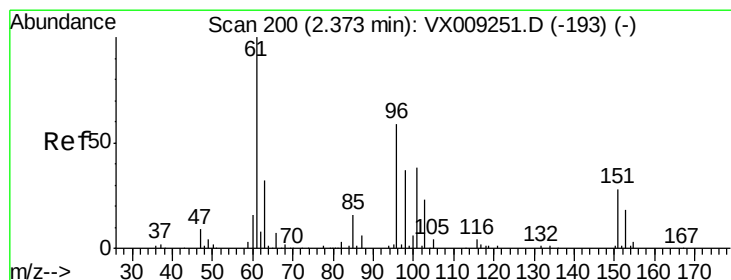
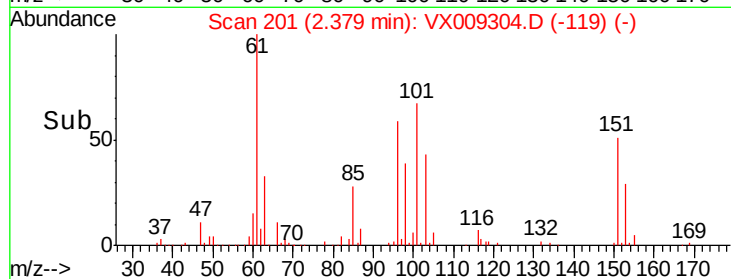
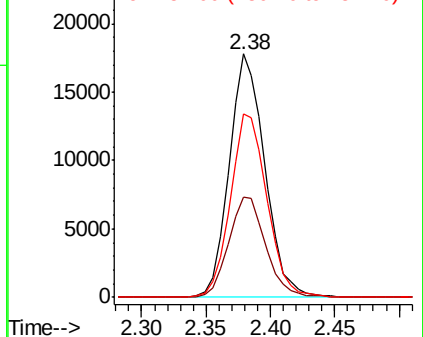
151 77.4 0.0 157.0



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: 18.829 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

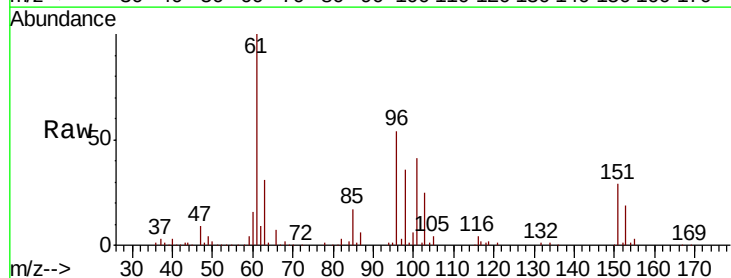
Tgt Ion: 96 Resp: 32261

Ion Ratio Lower Upper

96 100

61 185.1 136.5 204.7

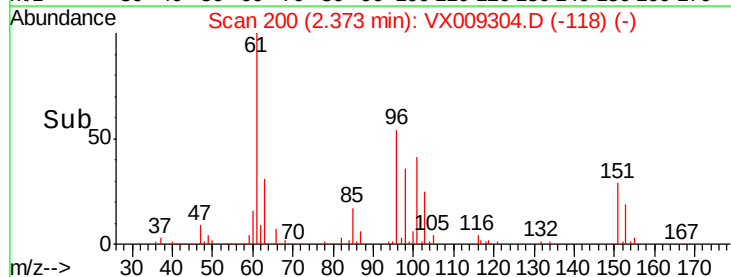
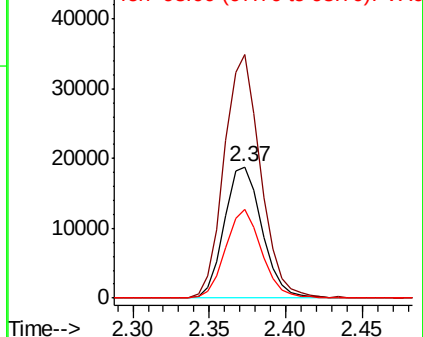
98 67.6 51.0 76.4

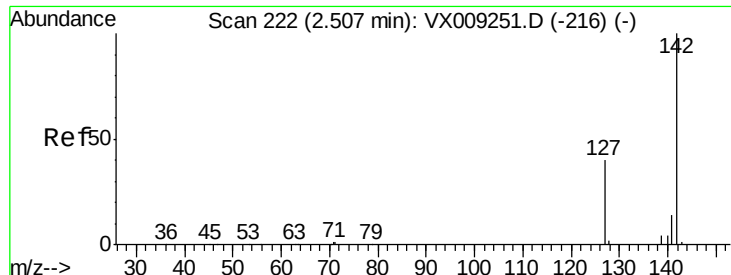


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

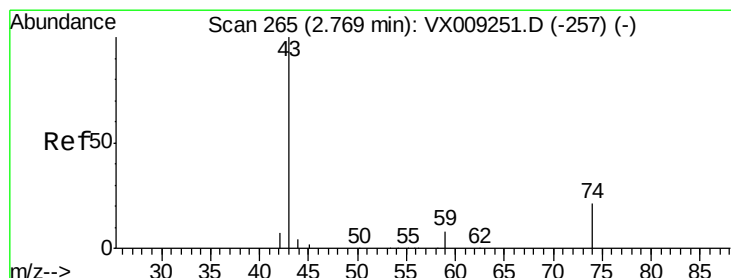
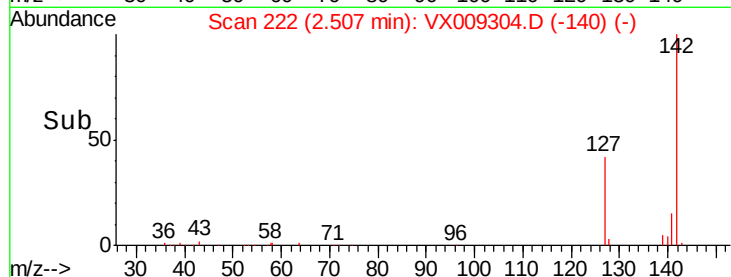
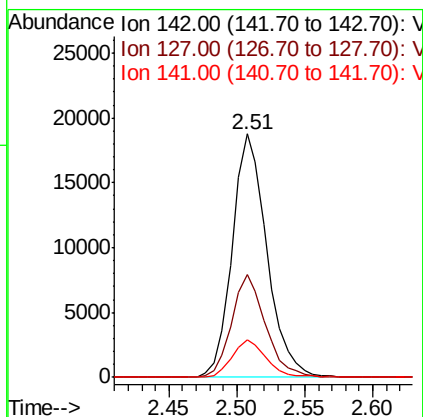
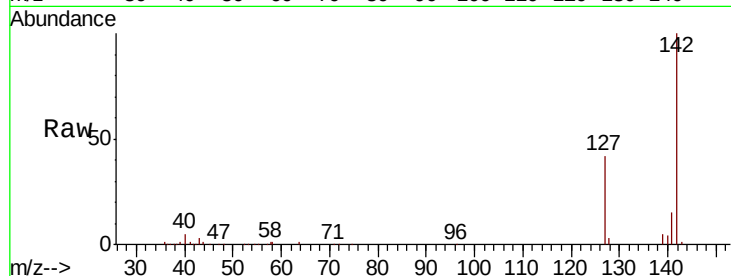




#11
Methvl Iodide
Concen: 17.914 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

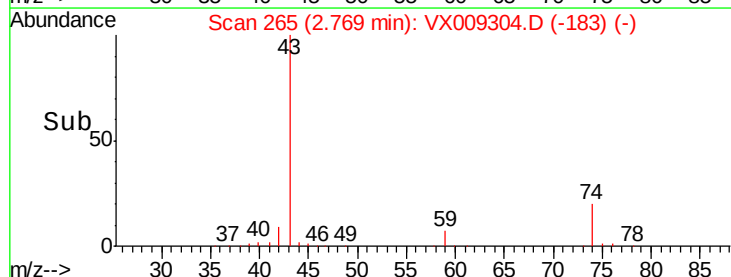
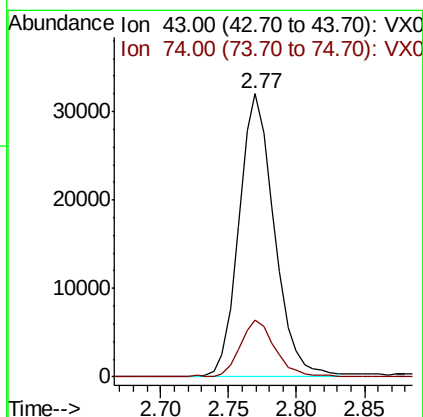
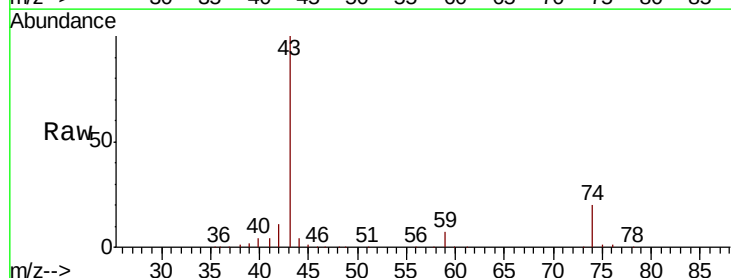
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

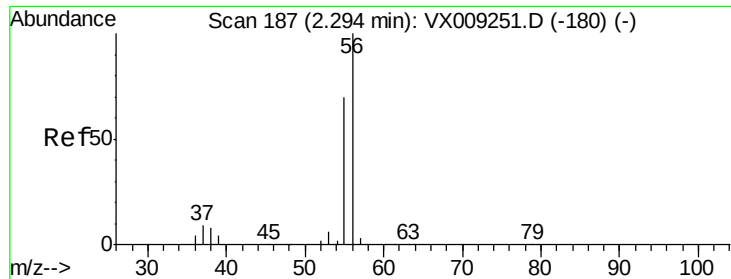
Tot Ion:142 Resp: 33367
Ion Ratio Lower Upper
142 100
127 42.3 20.2 60.5
141 15.4 6.9 20.7



#12
Methyl Acetate
Concen: 18.038 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 43 Resp: 58212
Ion Ratio Lower Upper
43 100
74 19.9 16.5 24.7





#13

Acrolein

Concen: 76.009 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

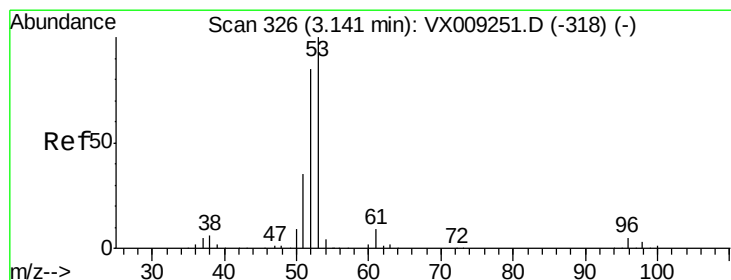
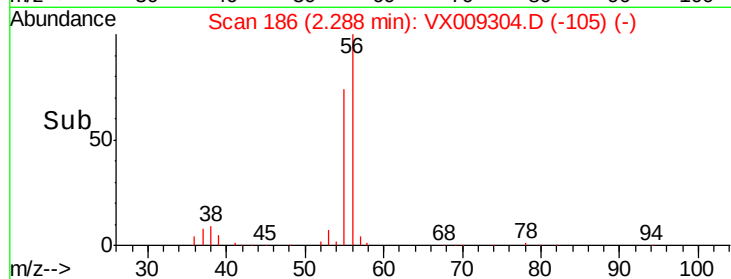
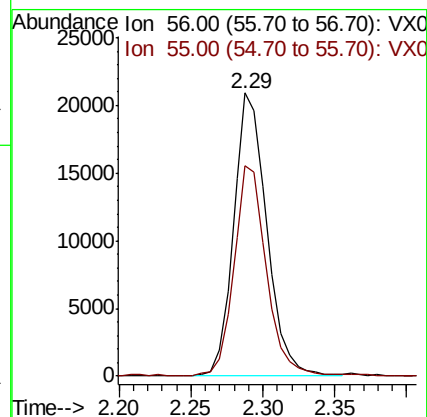
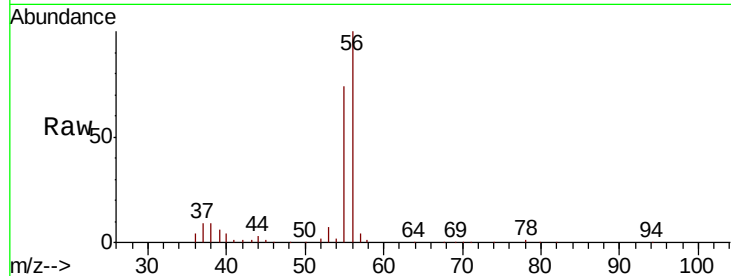
VX0503WBS01

Tot Ion: 56 Resp: 33644

Ion Ratio Lower Upper

56 100

55 72.8 56.9 85.3



#14

Acrylonitrile

Concen: 92.890 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

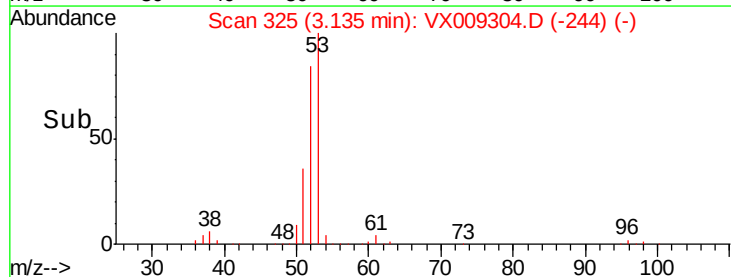
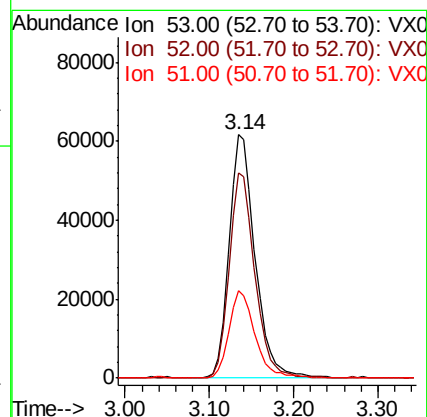
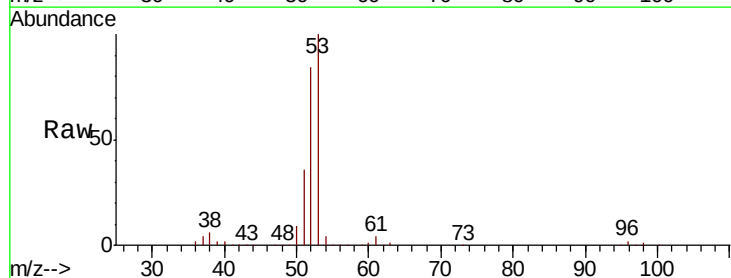
Tgt Ion: 53 Resp: 130097

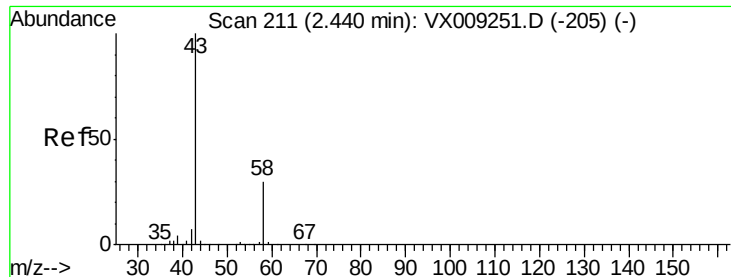
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.5

51 36.1 17.8 53.3





#15

Acetone

Concen: 90.479 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

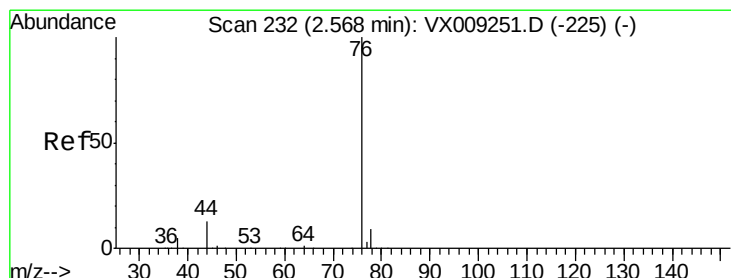
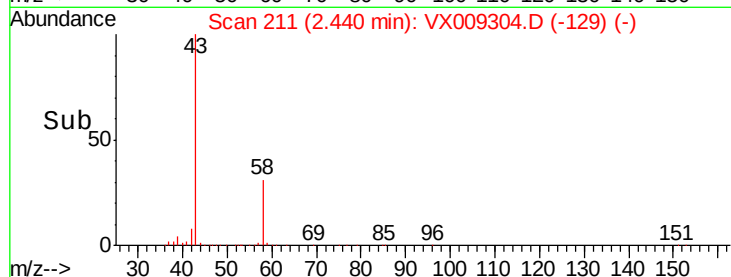
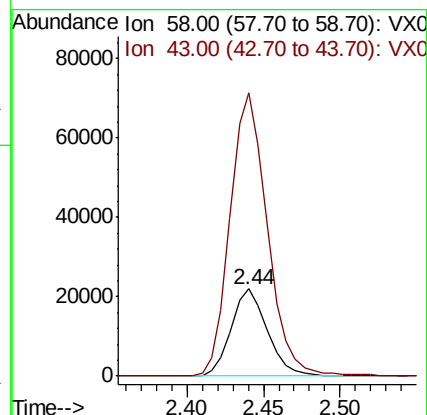
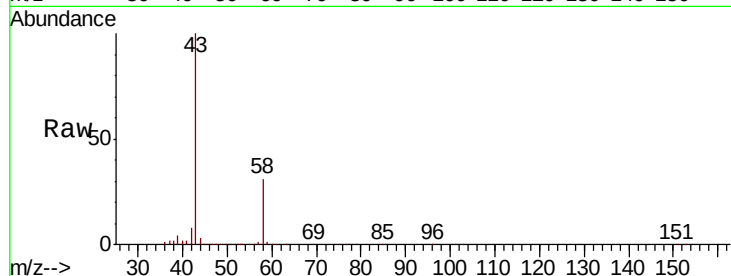
VX0503WBS01

Tot Ion: 58 Resp: 36383

Ion Ratio Lower Upper

58 100

43 324.1 264.0 396.0



#16

Carbon Disulfide

Concen: 18.521 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009304.D

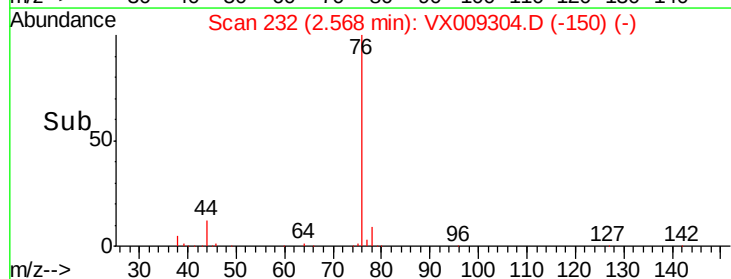
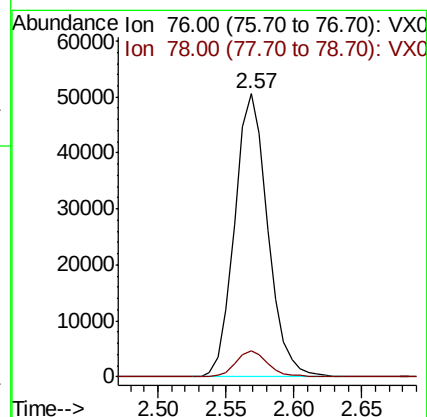
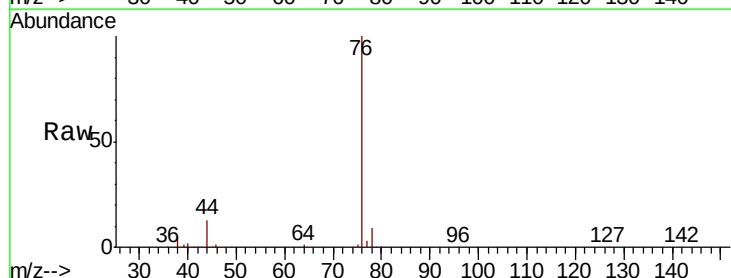
Acq: 03 May 2019 11:57

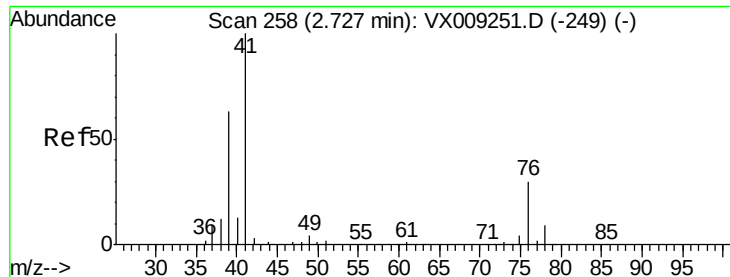
Tgt Ion: 76 Resp: 85859

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

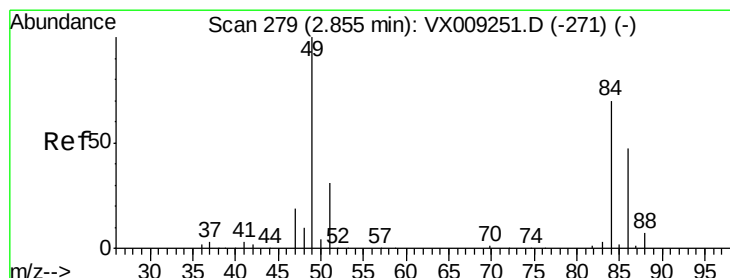
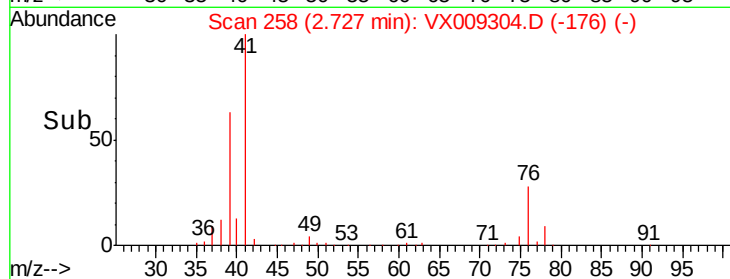
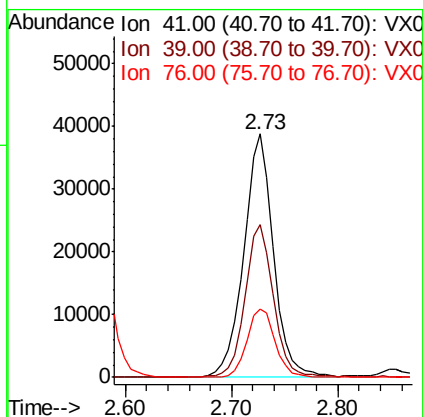
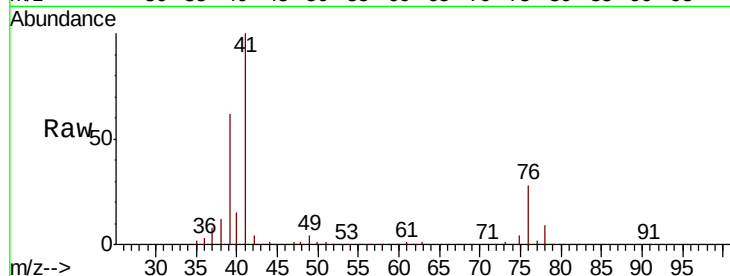




#17
Allvl chloride
Concen: 18.427 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

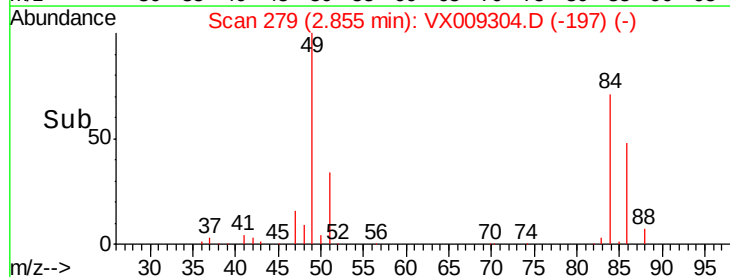
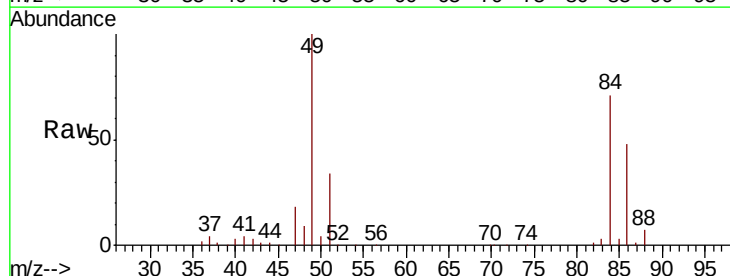
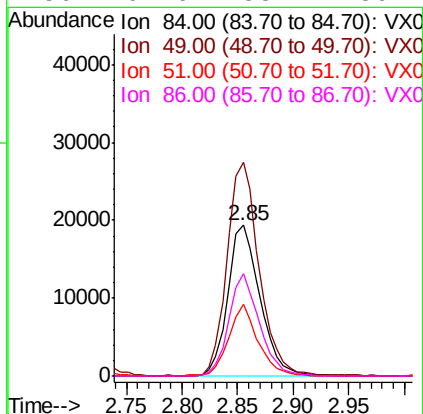
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

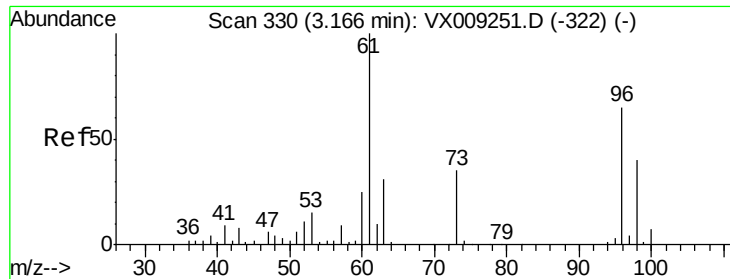
Tot Ion: 41 Resp: 75799
Ion Ratio Lower Upper
41 100
39 62.4 31.6 94.7
76 28.0 15.1 45.3



#18
Methylene Chloride
Concen: 18.760 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 84 Resp: 38847
Ion Ratio Lower Upper
84 100
49 141.7 114.6 171.8
51 47.2 35.5 53.3
86 67.6 53.4 80.2

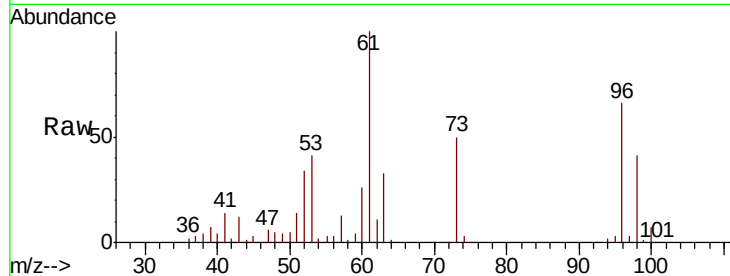




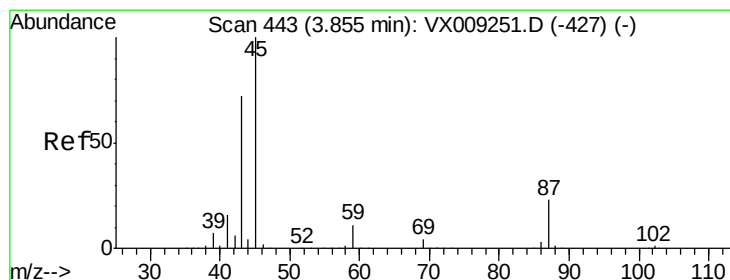
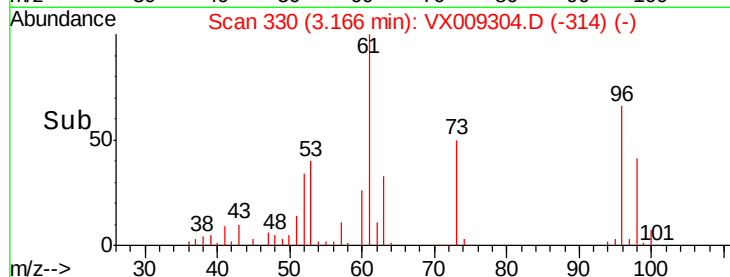
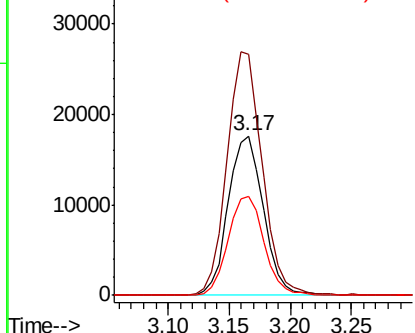
#19
trans-1,2-Dichloroethene
Concen: 19.195 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion: 96 Resp: 35065
Ion Ratio Lower Upper
96 100
61 150.8 122.7 184.1
98 61.8 49.5 74.3

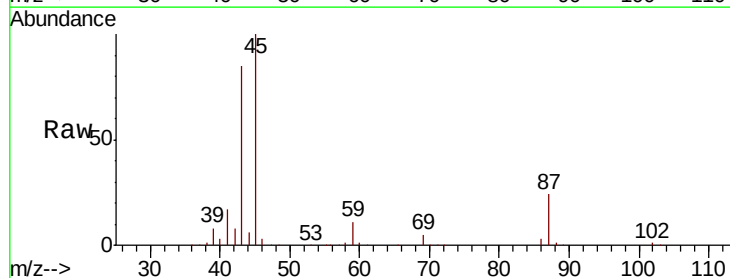


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

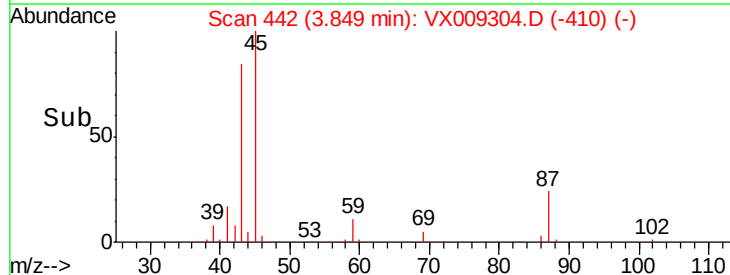
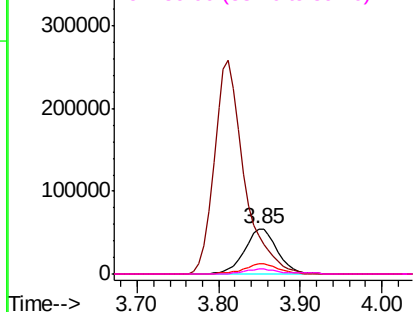


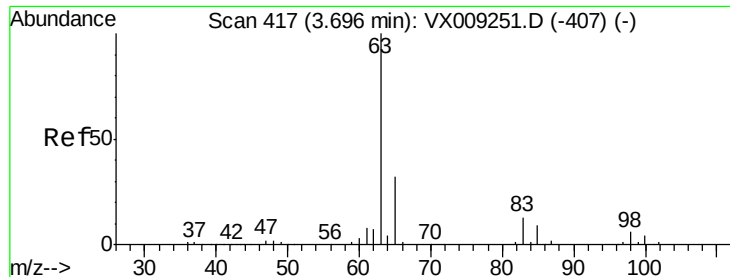
#20
Diisopropyl ether
Concen: 18.951 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 45 Resp: 153511
Ion Ratio Lower Upper
45 100
43 83.6 57.7 86.5
87 23.8 18.5 27.7
59 11.2 8.8 13.2



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





#21

1,1-Dichloroethane

Concen: 19.035 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

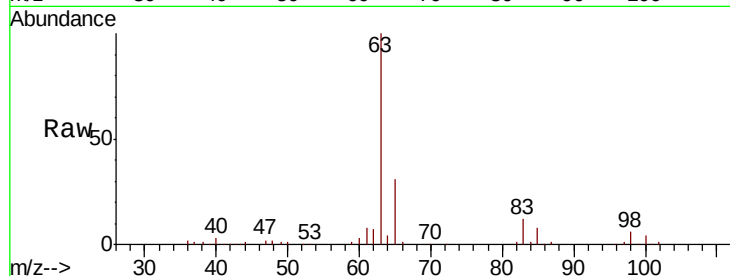
Tot Ion: 63 Resp: 74621

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

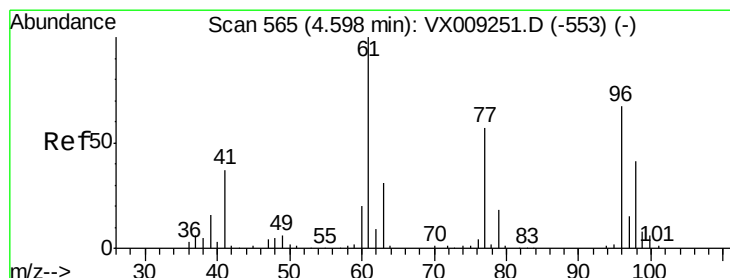
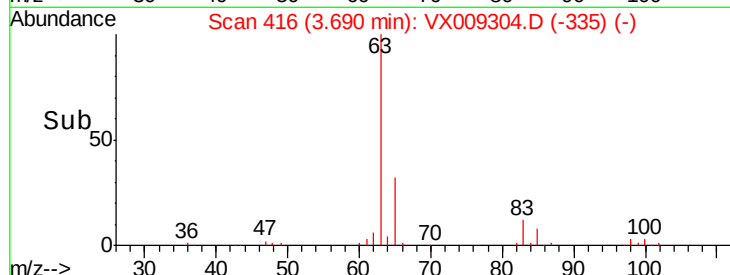
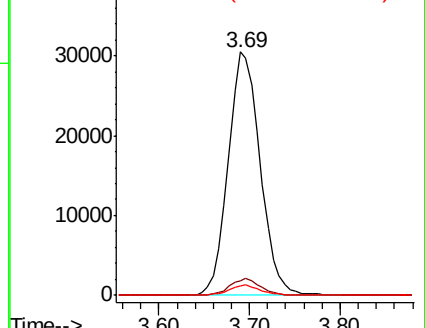
100 3.8 2.2 6.6



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: 18.611 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

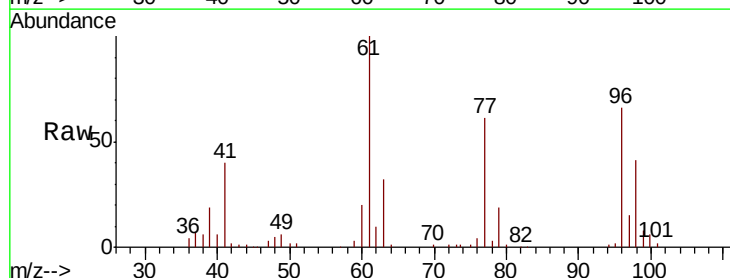
Tgt Ion: 96 Resp: 40954

Ion Ratio Lower Upper

96 100

61 160.8 127.7 191.5

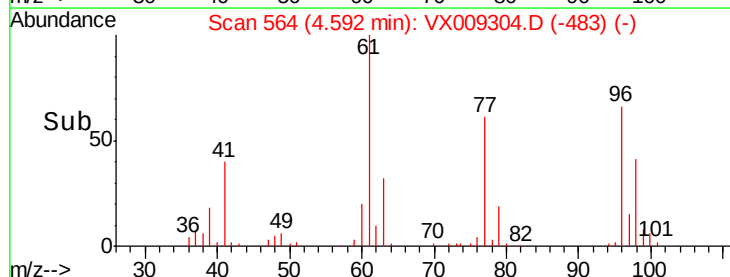
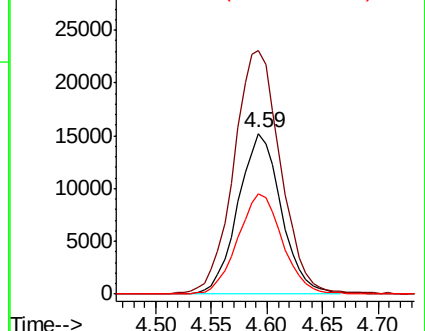
98 64.6 50.5 75.7

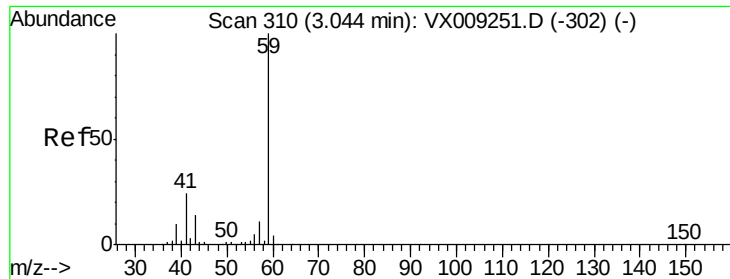


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 86.680 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

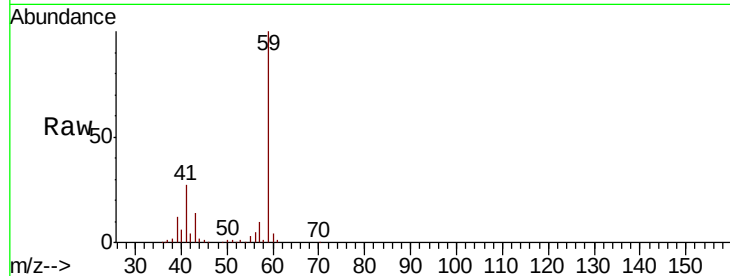
VX0503WBS01

Tot Ion: 59 Resp: 51333

Ion Ratio Lower Upper

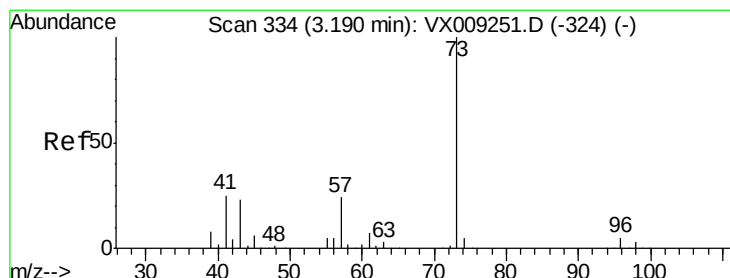
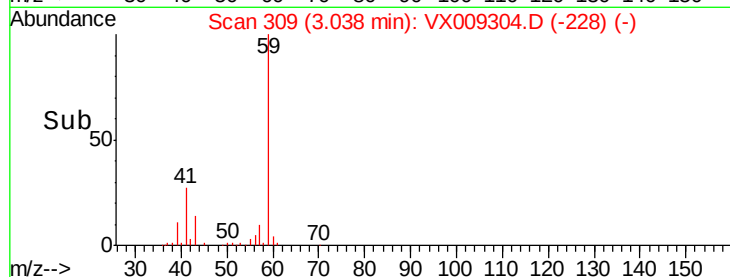
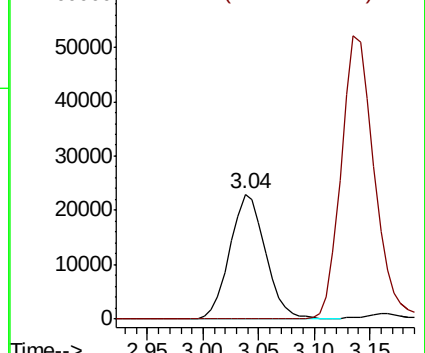
59 100

52 0.3 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.663 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009304.D

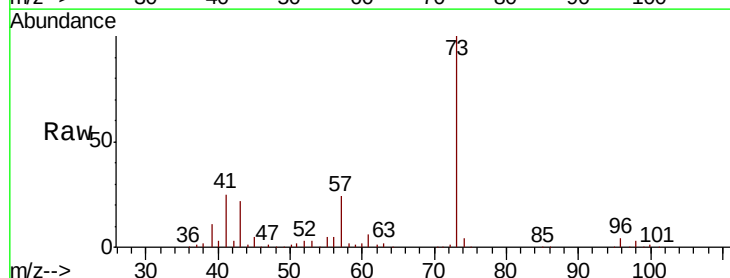
Acq: 03 May 2019 11:57

Tgt Ion: 73 Resp: 125143

Ion Ratio Lower Upper

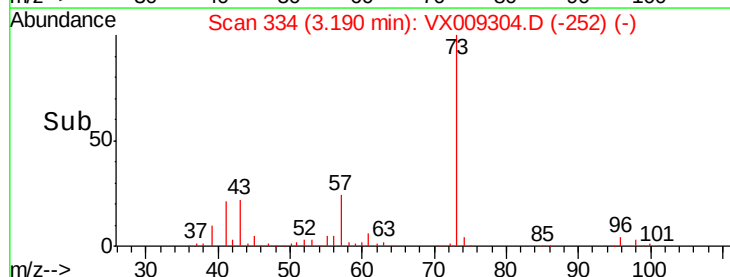
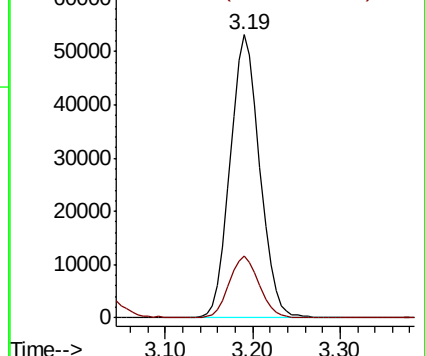
73 100

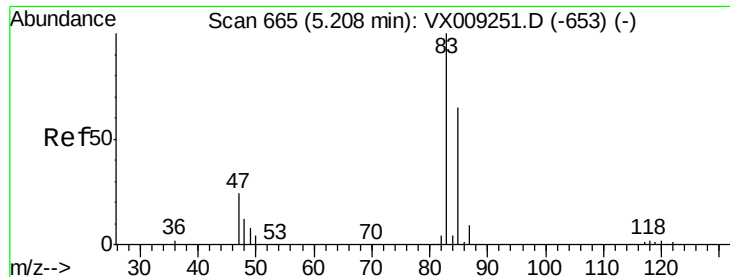
43 21.8 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.107 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

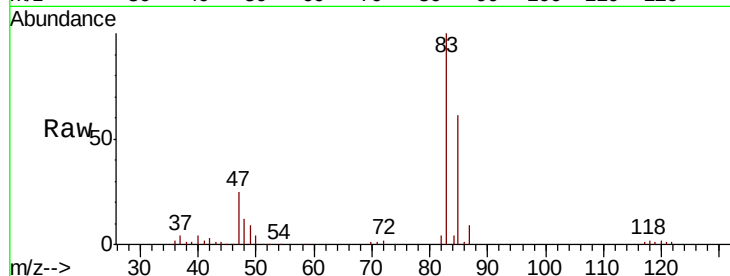
VX0503WBS01

Tot Ion: 83 Resp: 68353

Ion Ratio Lower Upper

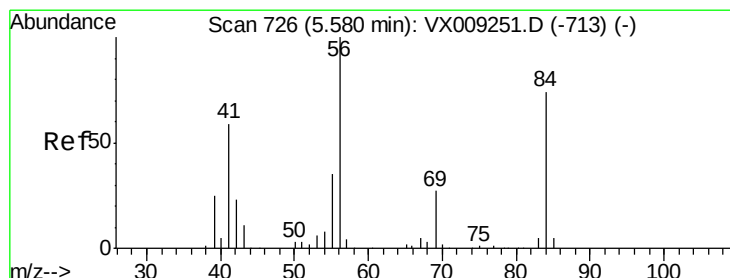
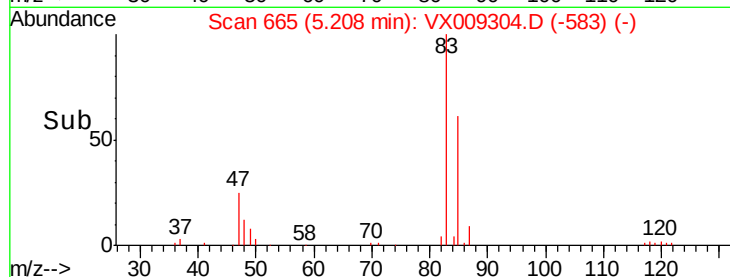
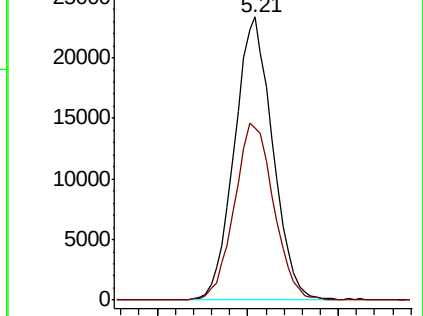
83 100

85 60.9 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.135 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

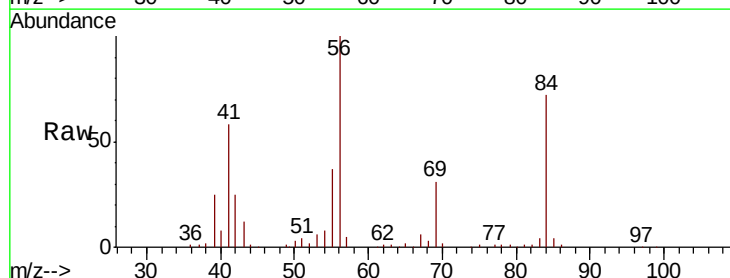
Tgt Ion: 56 Resp: 69912

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

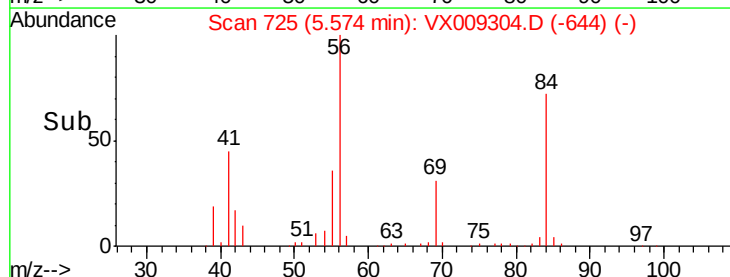
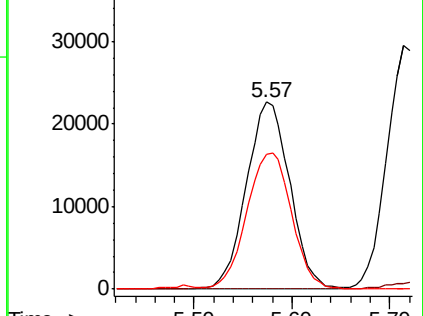
84 75.3 59.7 89.5

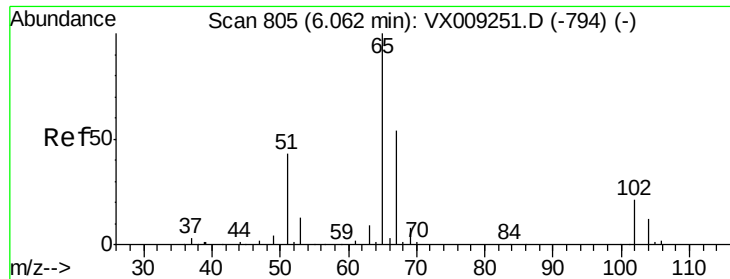


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

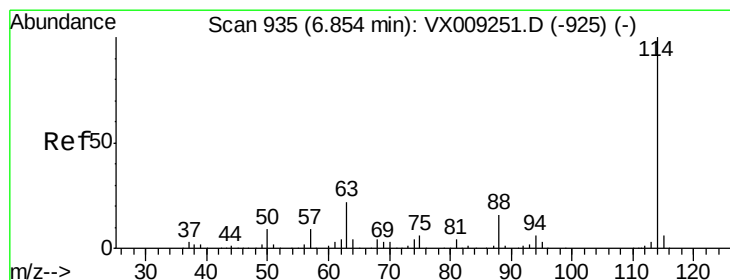
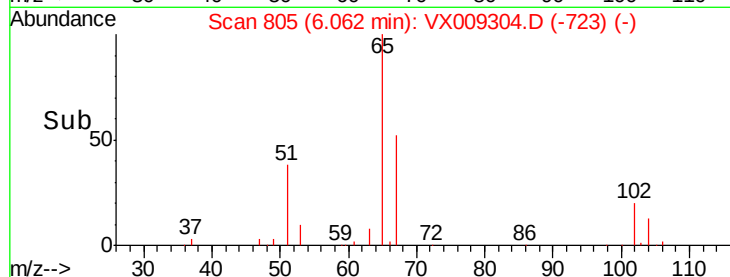
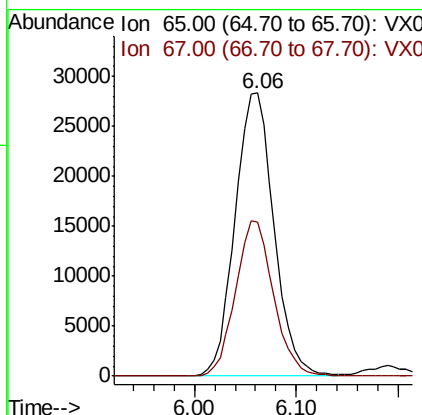
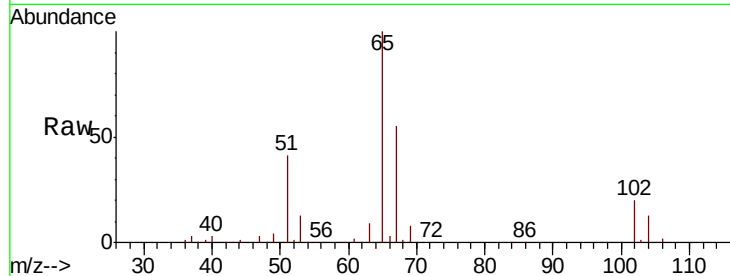




#27
 1,2-Dichloroethane-d4
 Concen: 28.892 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

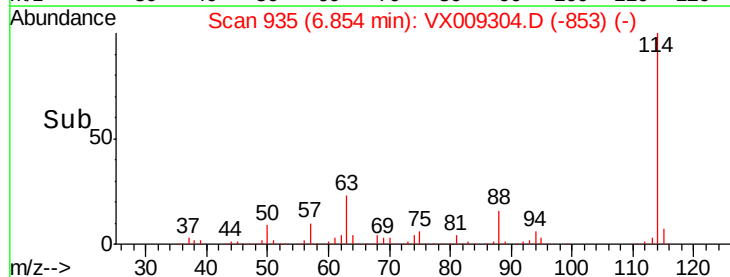
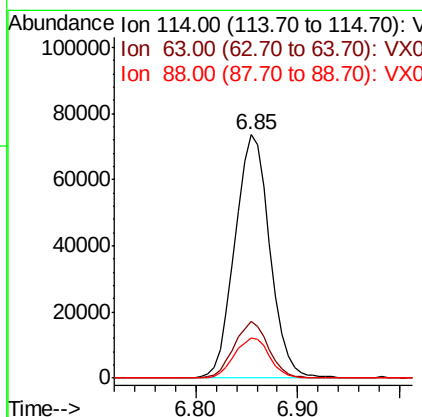
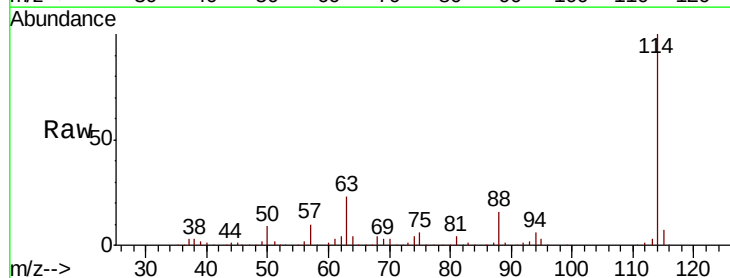
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

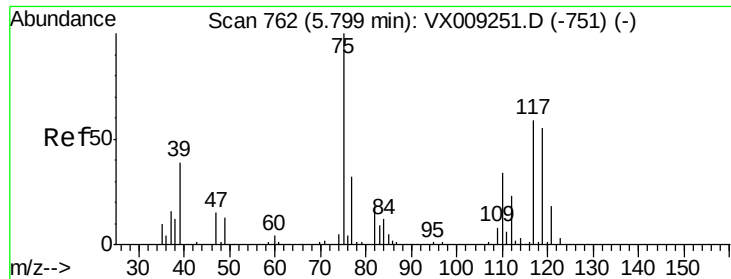
Tot Ion: 65 Resp: 75076
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 114 Resp: 175092
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.0 27.0
 88 16.7 13.4 20.0

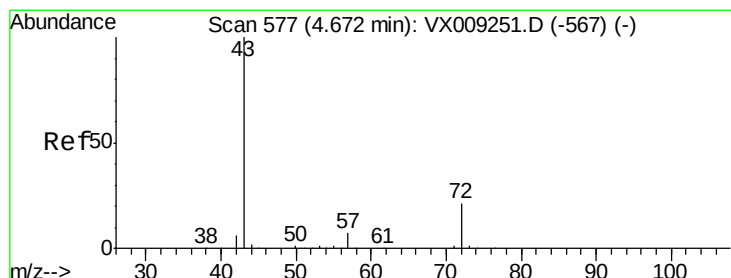
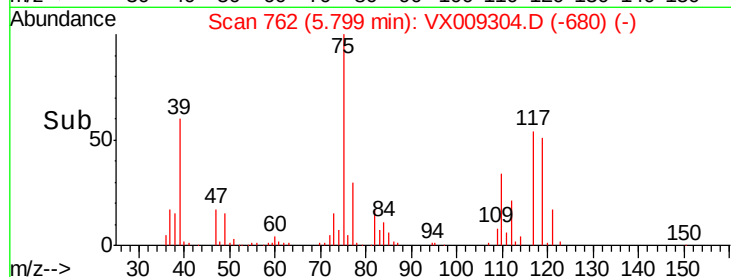
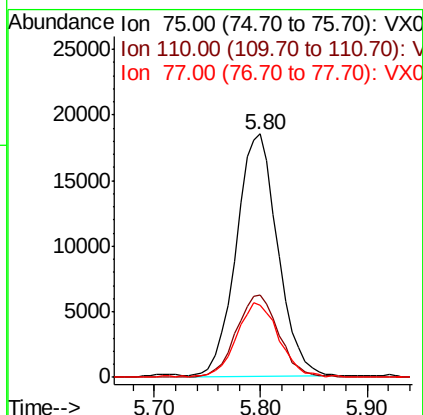
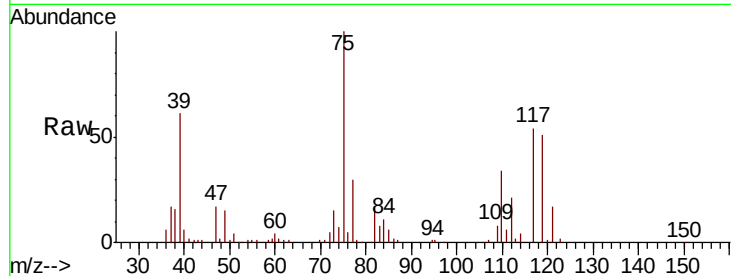




#29
 1,1-Dichloropropene
 Concen: 19.687 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

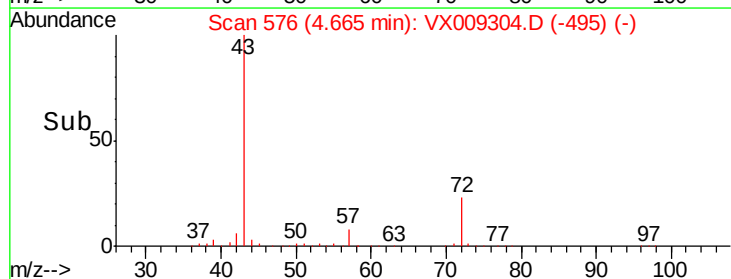
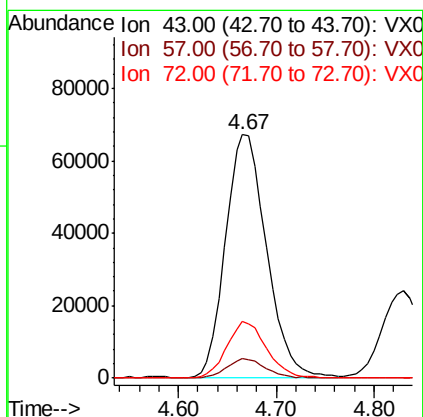
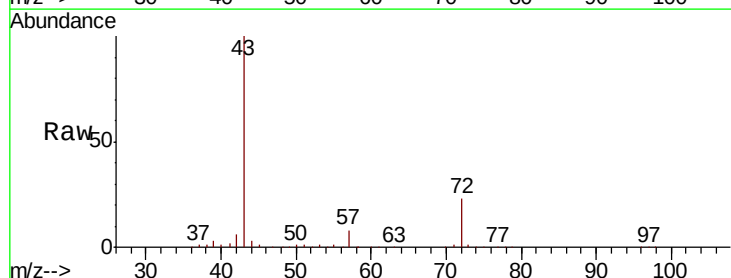
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

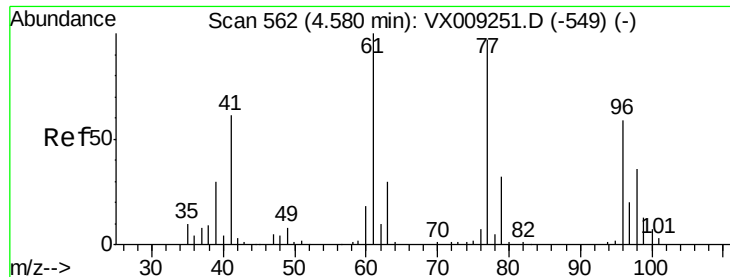
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	66.4
77	31.4	0.0	62.2



#30
 2-Butanone
 Concen: 96.579 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.0	9.0
72	22.8	18.2	27.4

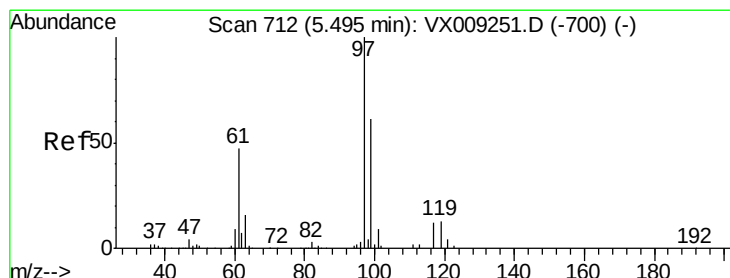
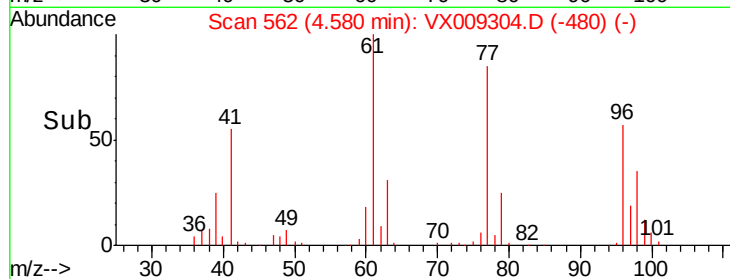
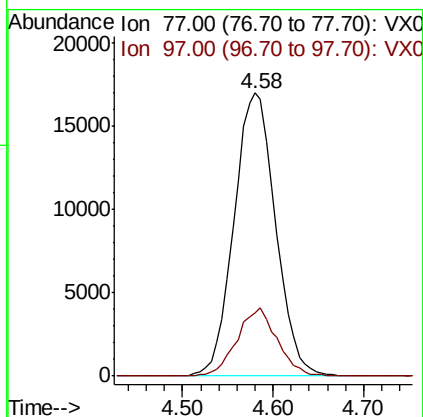
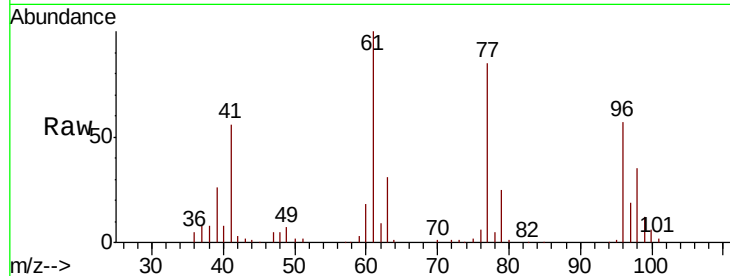




#31
 2,2-Dichloropropane
 Concen: 19.034 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

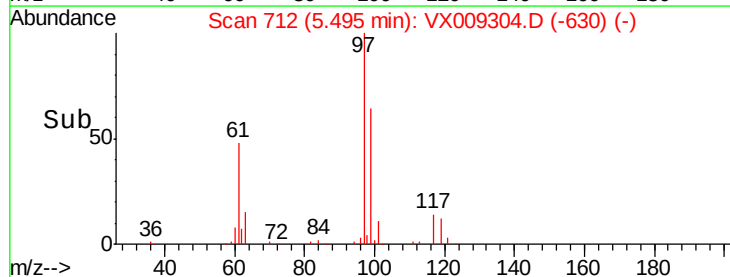
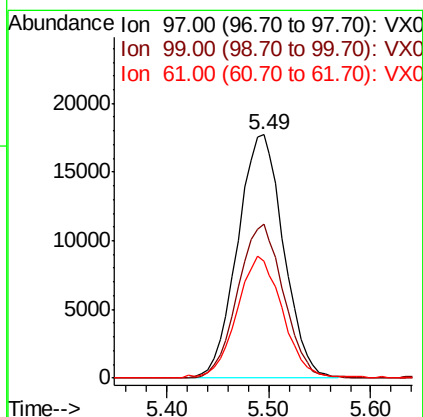
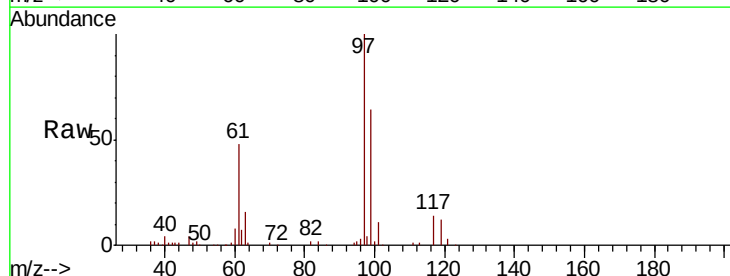
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

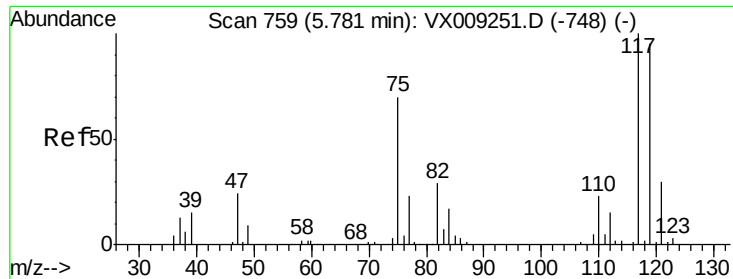
Tot Ion: 77 Resp: 53911
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.953 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 97 Resp: 55572
 Ion Ratio Lower Upper
 97 100
 99 63.1 53.9 80.9
 61 48.5 38.6 58.0

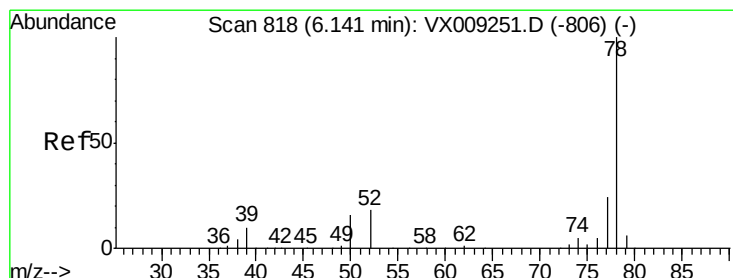
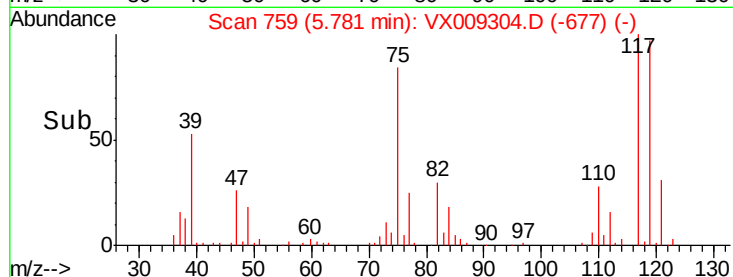
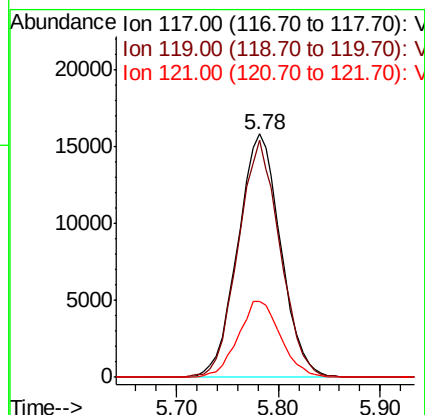
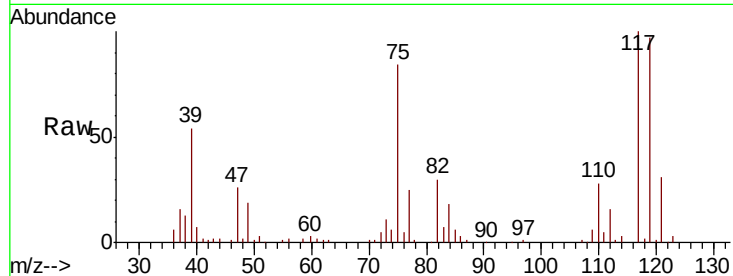




#33
Carbon Tetrachloride
Concen: 19.796 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

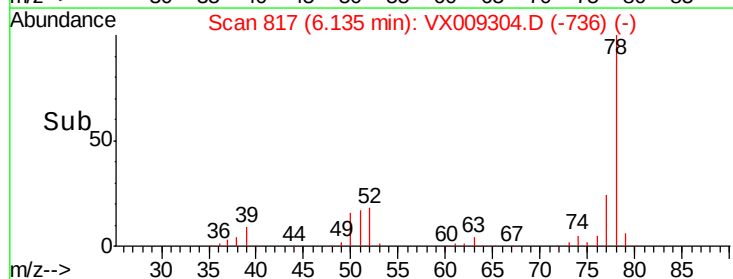
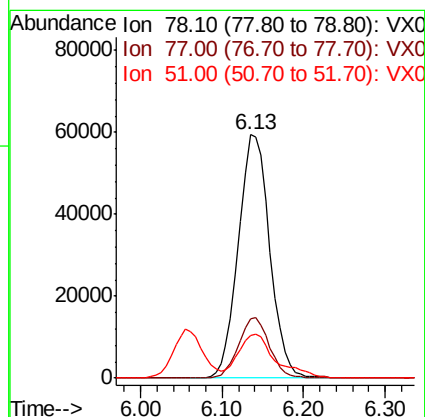
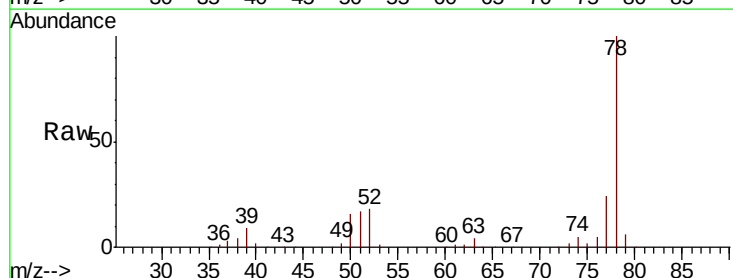
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

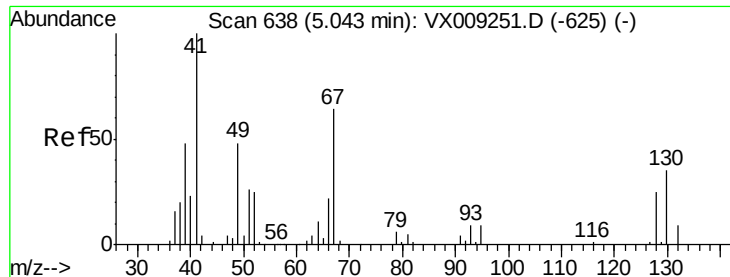
Tot Ion:117 Resp: 46132
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 31.4 24.4 36.6



#34
Benzene
Concen: 20.047 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 78 Resp: 158784
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2
51 17.1 13.5 20.3

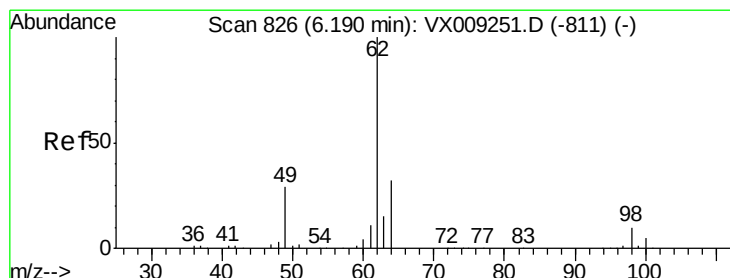
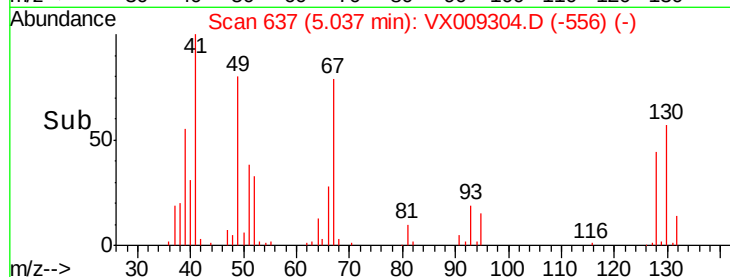
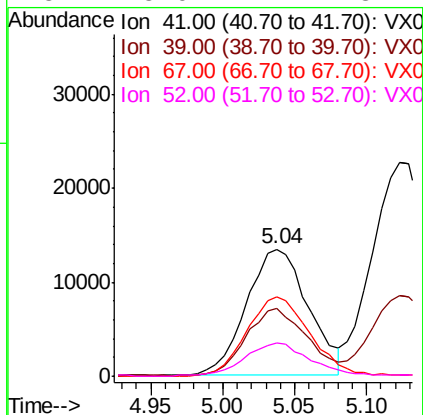
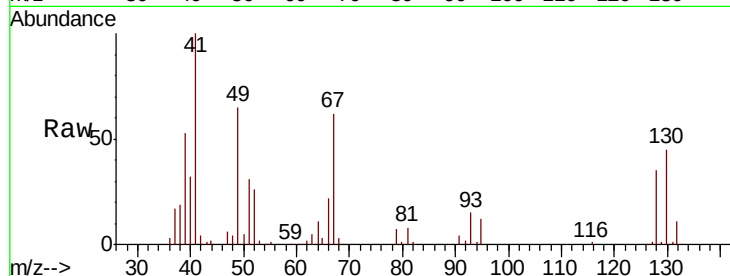




#35
Methacrylonitrile
Concen: 19.085 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

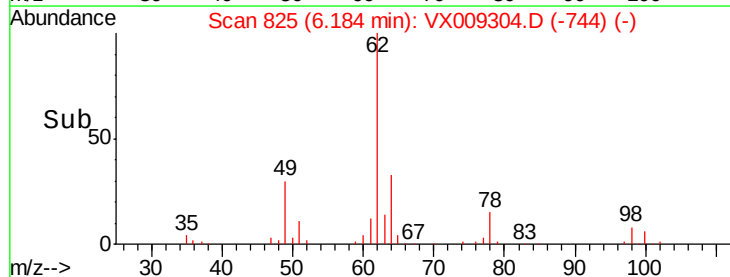
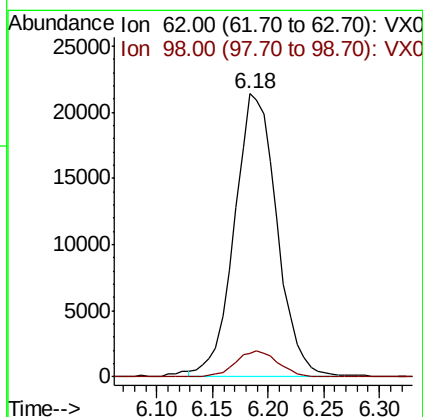
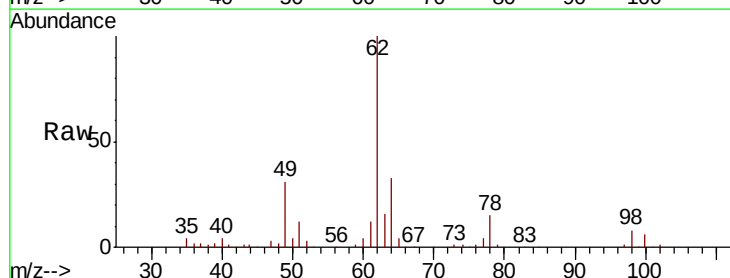
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

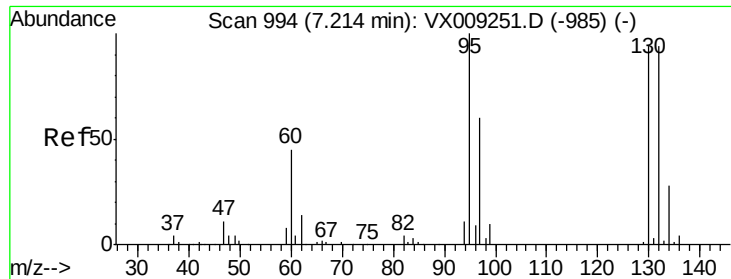
Tot Ion:	41	Resp:	40176
Ion	Ratio	Lower	Upper
41	100		
39	52.7	24.1	72.3
67	62.7	32.2	96.6
52	25.0	12.4	37.4



#36
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion:	62	Resp:	56861
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2

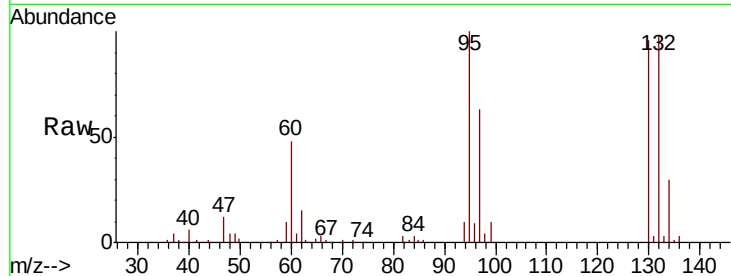




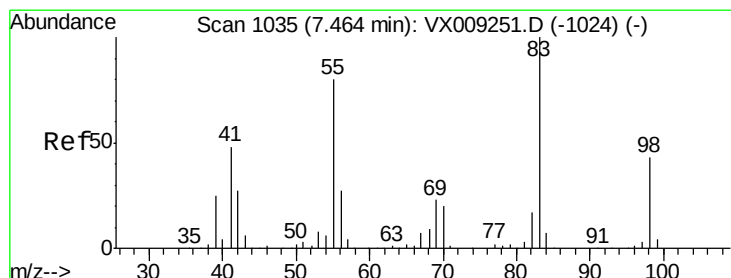
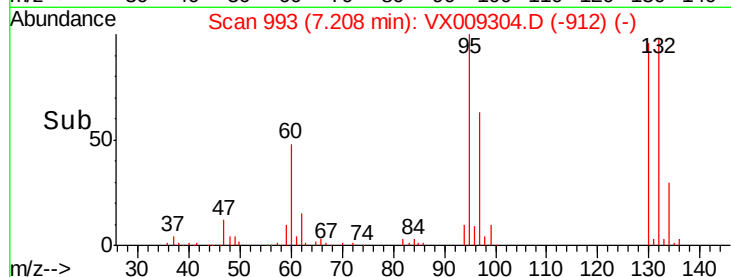
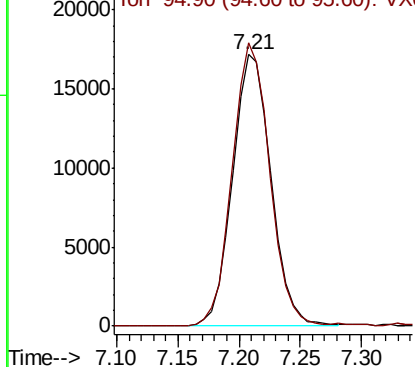
#37
 Trichloroethene
 Concen: 19.659 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tot Ion:130 Resp: 37483
 Ion Ratio Lower Upper
 130 100
 95 103.9 85.0 127.4

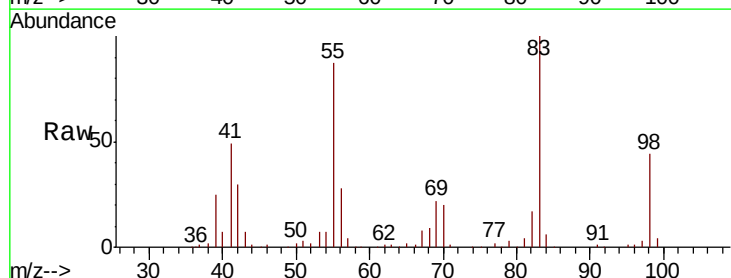


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

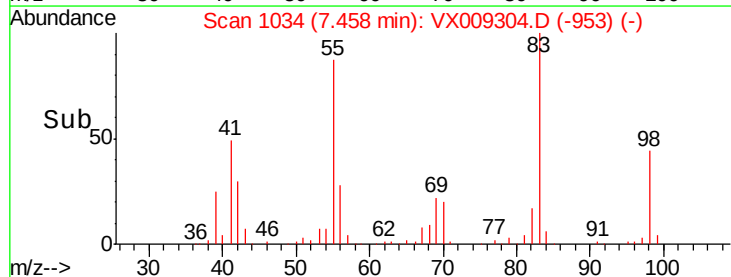
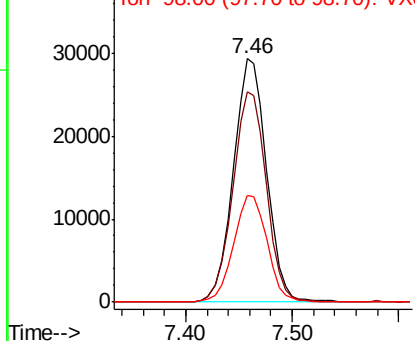


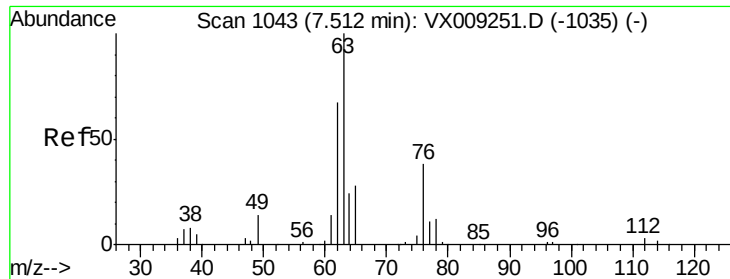
#38
 Methylcyclohexane
 Concen: 20.211 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 83 Resp: 64154
 Ion Ratio Lower Upper
 83 100
 55 87.3 43.0 129.2
 98 44.1 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: 20.227 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

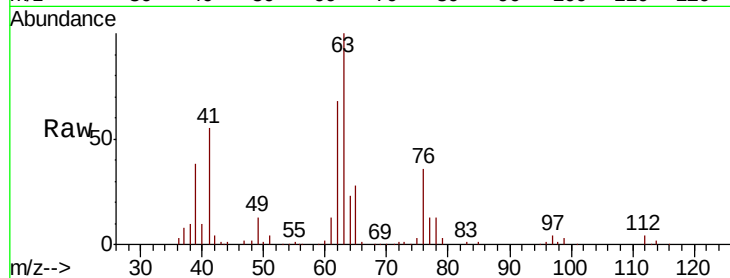
VX0503WBS01

Tot Ion: 63 Resp: 45623

Ion Ratio Lower Upper

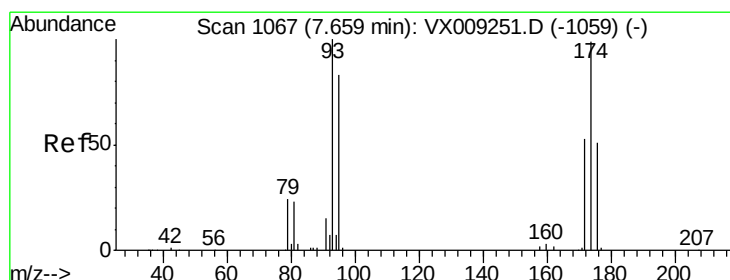
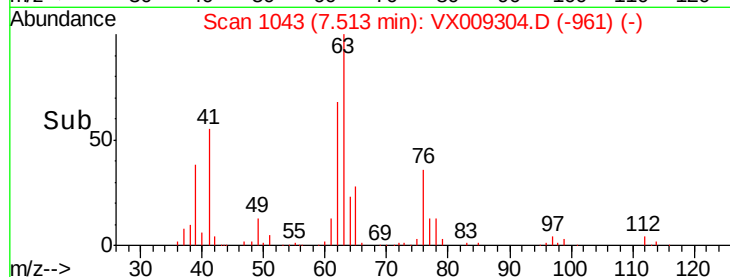
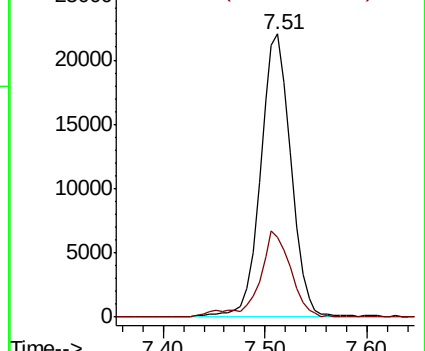
63 100

65 28.0 24.0 36.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.034 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

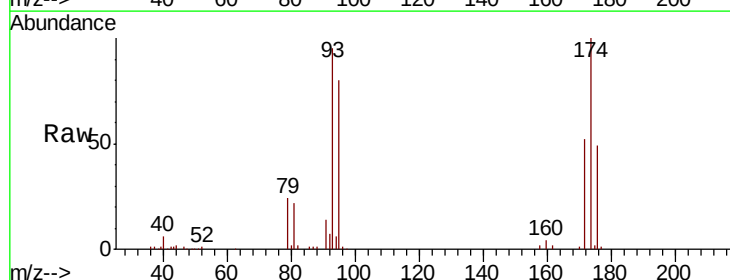
Tgt Ion: 93 Resp: 25647

Ion Ratio Lower Upper

93 100

95 84.9 0.0 167.2

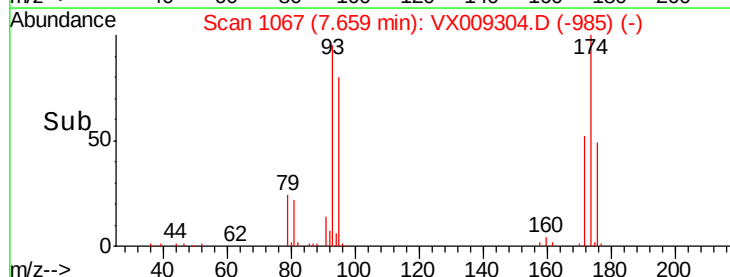
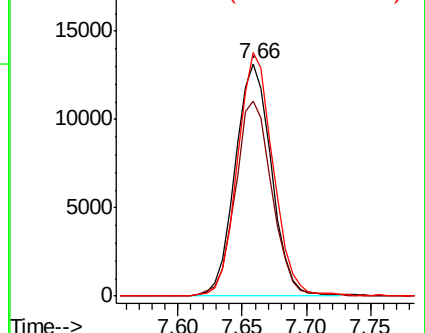
174 102.9 0.0 203.4

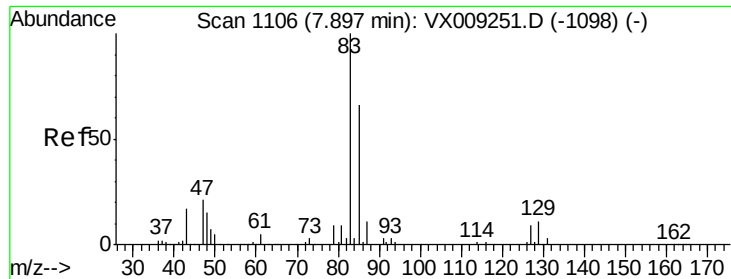


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.874 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

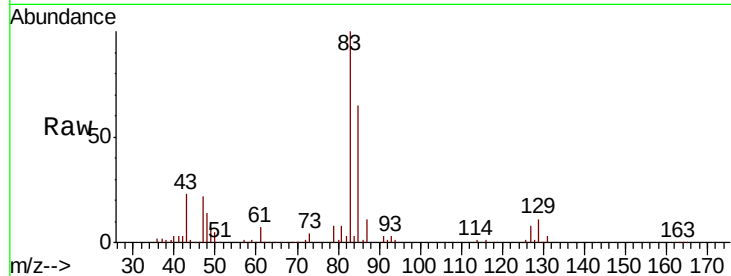
Tot Ion: 83 Resp: 51971

Ion Ratio Lower Upper

83 100

85 64.6 52.6 79.0

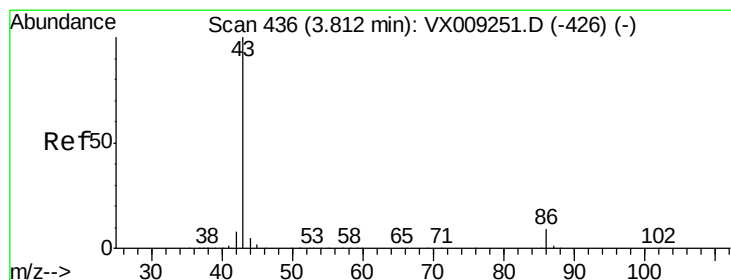
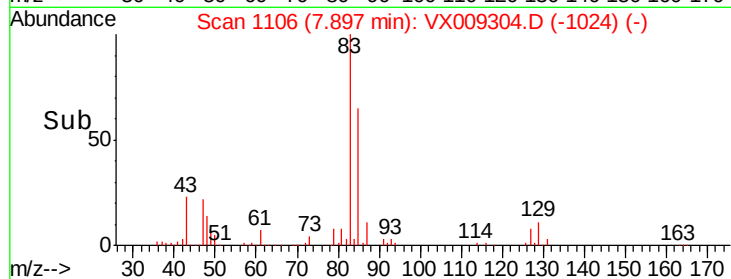
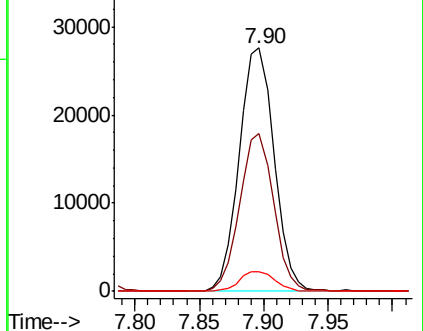
127 8.1 6.9 10.3



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: 99.584 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009304.D

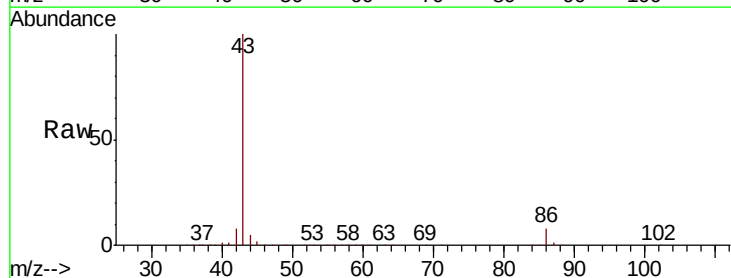
Acq: 03 May 2019 11:57

Tgt Ion: 43 Resp: 661303

Ion Ratio Lower Upper

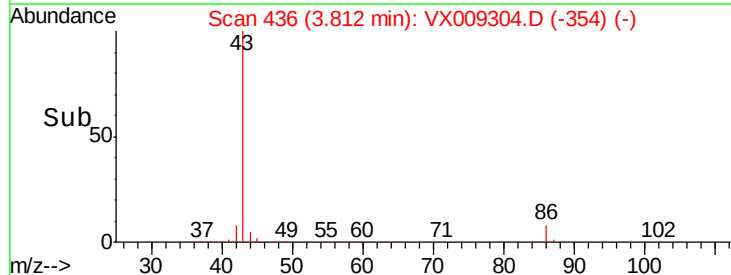
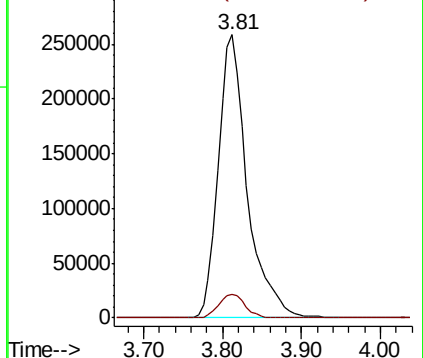
43 100

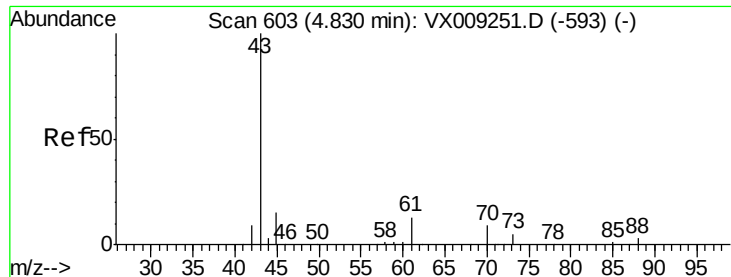
86 7.6 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

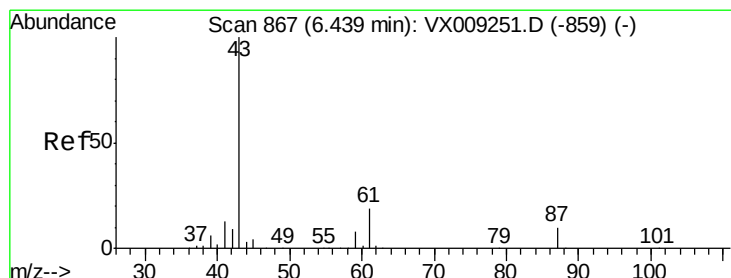
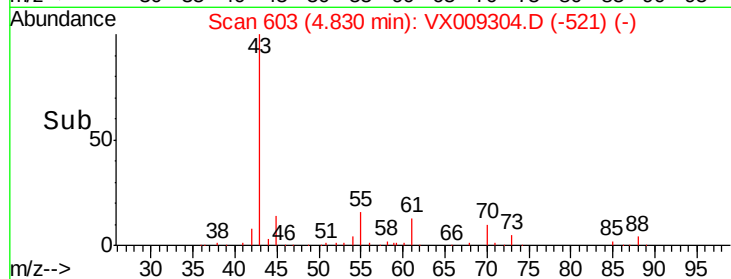
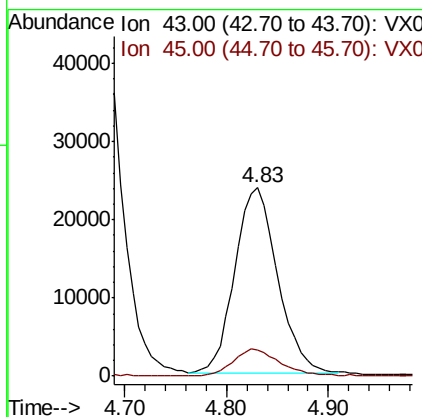
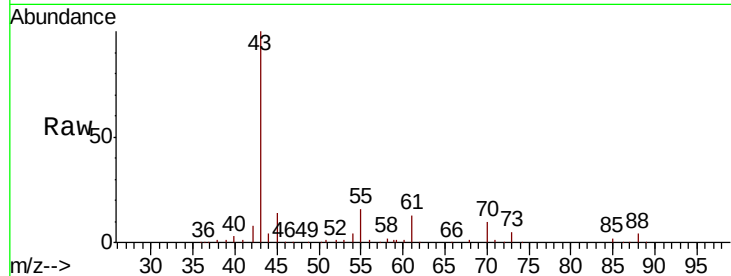




#43
Ethyl Acetate
Concen: 18.963 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

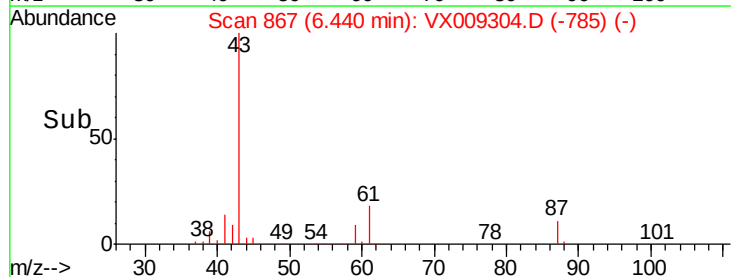
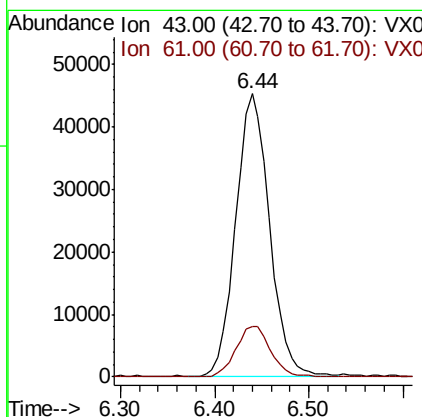
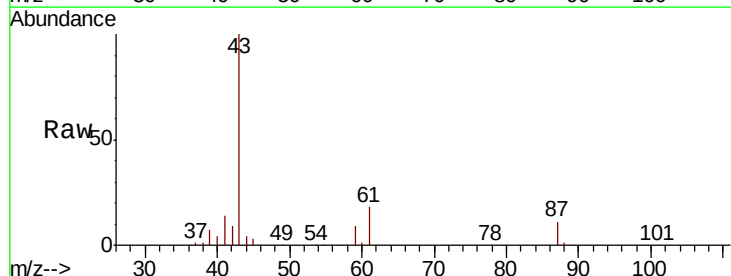
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

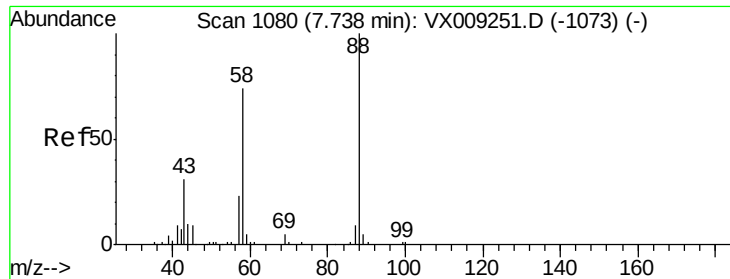
Tot Ion: 43 Resp: 68943
Ion Ratio Lower Upper
43 100
45 16.3 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.282 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 43 Resp: 113568
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.2





#45

1,4-Dioxane

Concen: 389.443 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

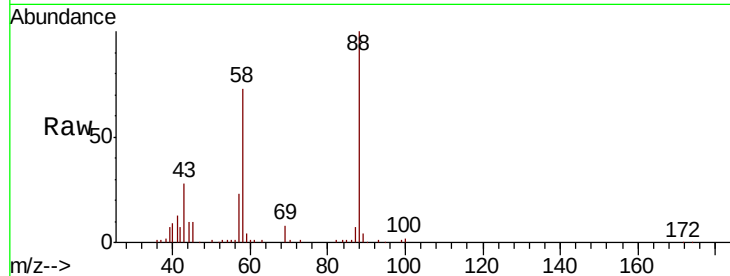
Tot Ion: 88 Resp: 22520

Ion Ratio Lower Upper

88 100

43 33.2 28.5 42.7

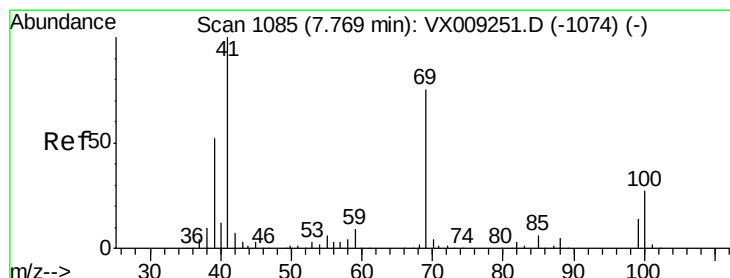
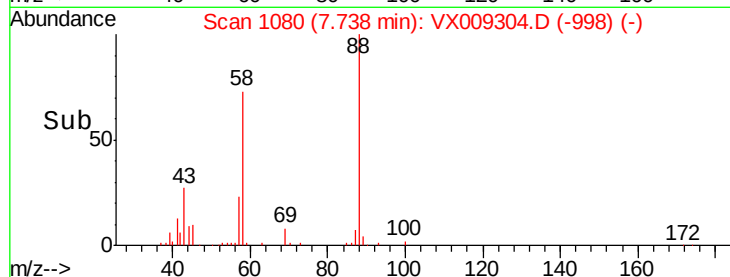
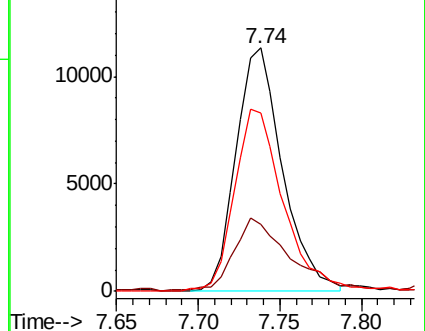
58 78.5 62.5 93.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.966 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

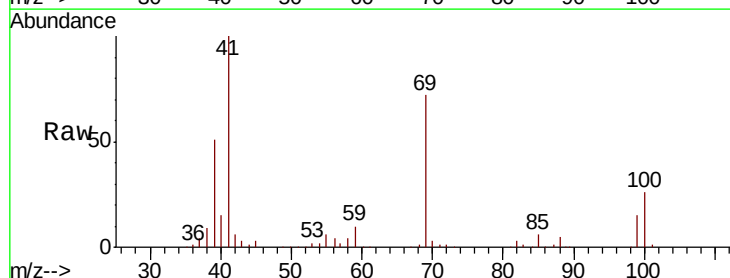
Tgt Ion: 41 Resp: 55756

Ion Ratio Lower Upper

41 100

69 72.6 37.6 112.8

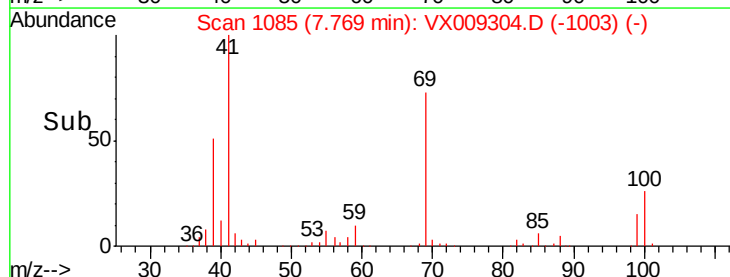
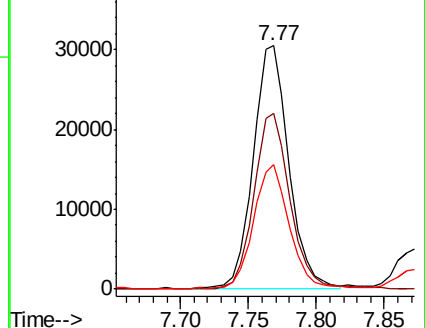
39 51.3 25.8 77.3

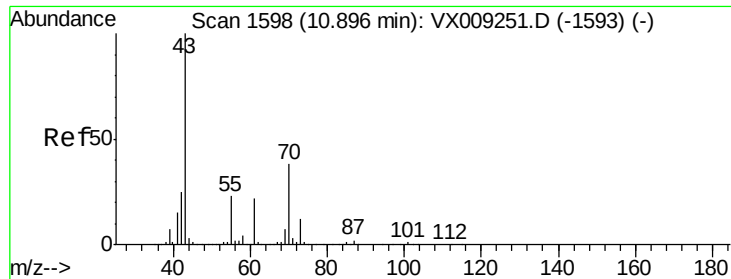


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.584 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

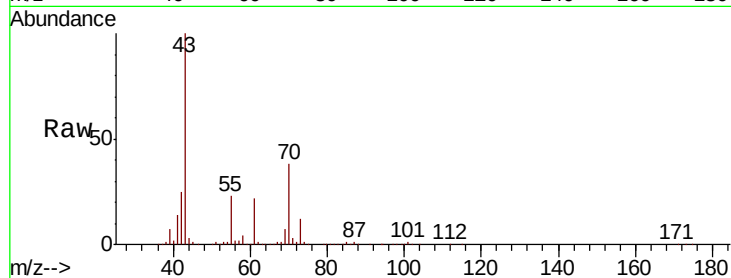
VX0503WBS01

Tot Ion: 43 Resp: 98602

Ion Ratio Lower Upper

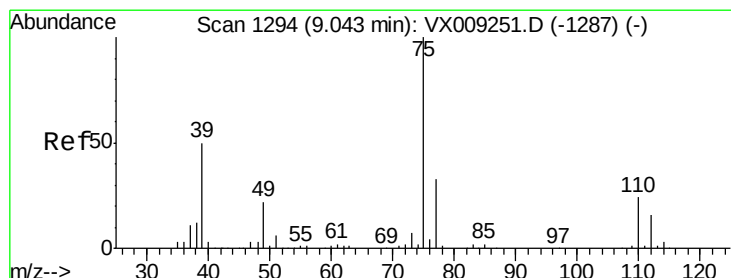
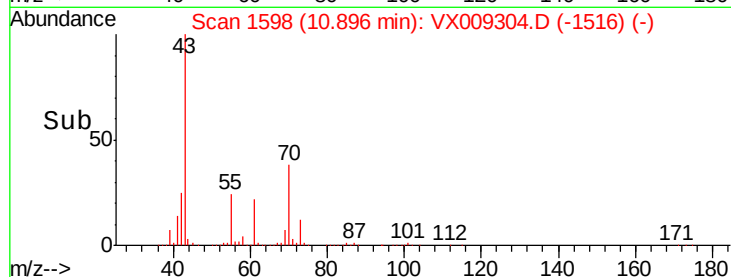
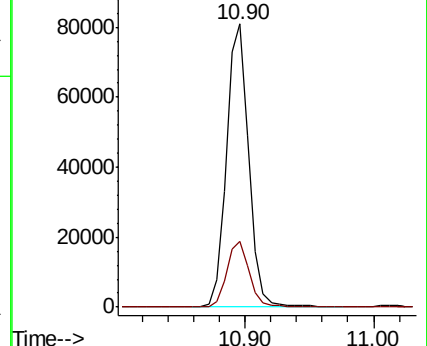
43 100

55 23.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.867 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009304.D

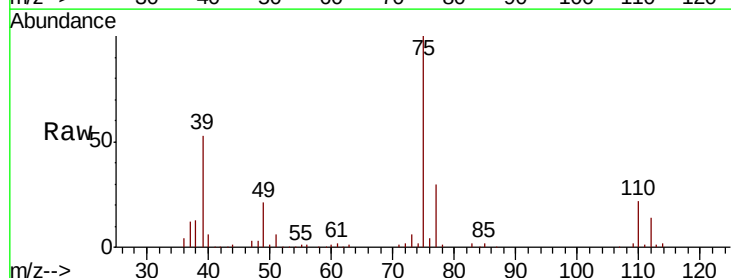
Acq: 03 May 2019 11:57

Tgt Ion: 75 Resp: 57566

Ion Ratio Lower Upper

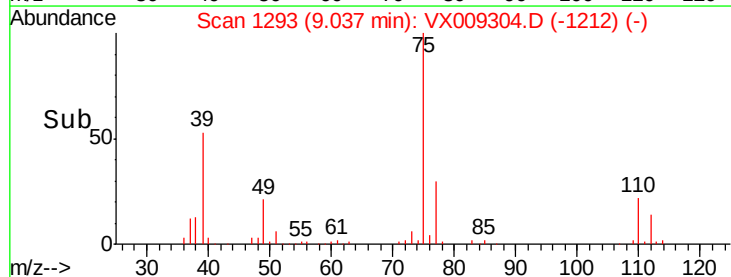
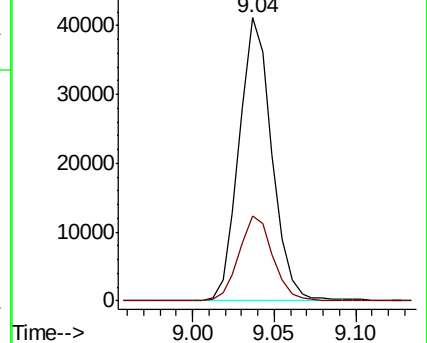
75 100

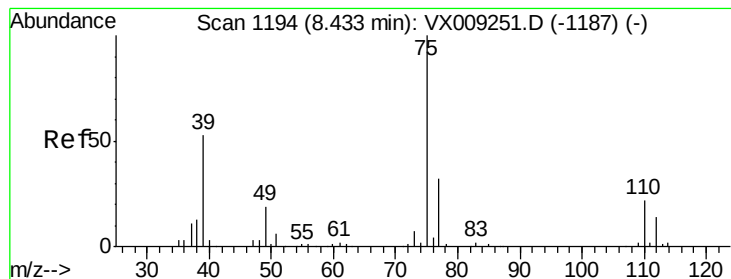
77 30.1 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



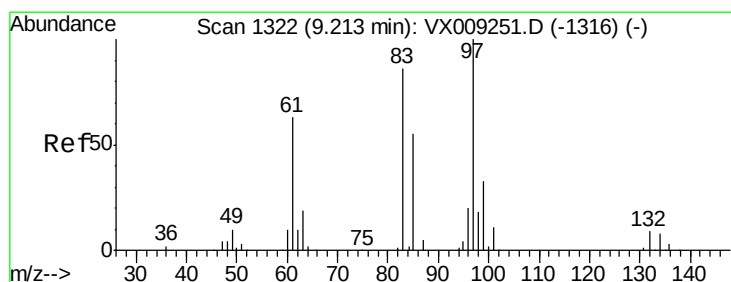
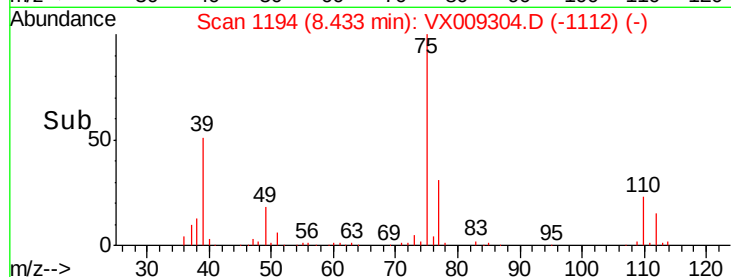
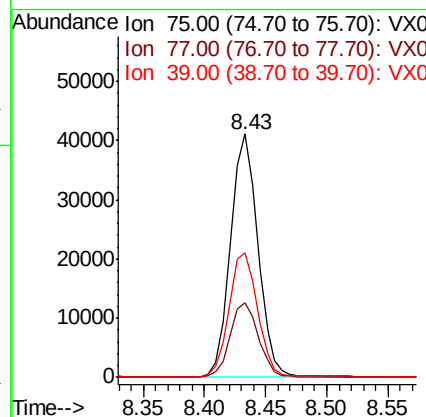
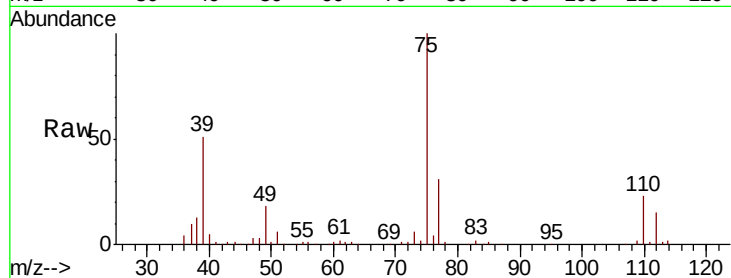


#49

cis-1,3-Dichloropropene
 Concen: 19.103 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

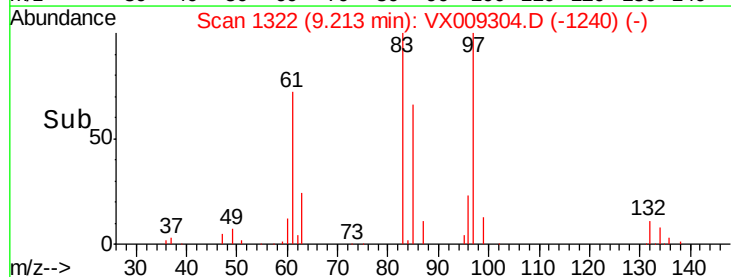
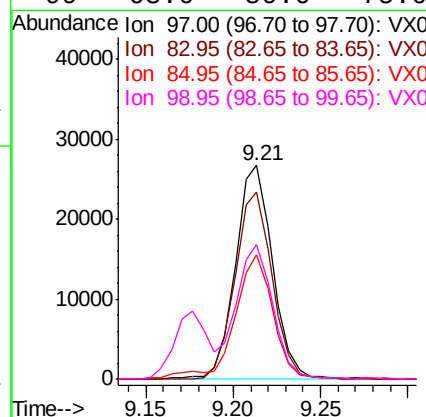
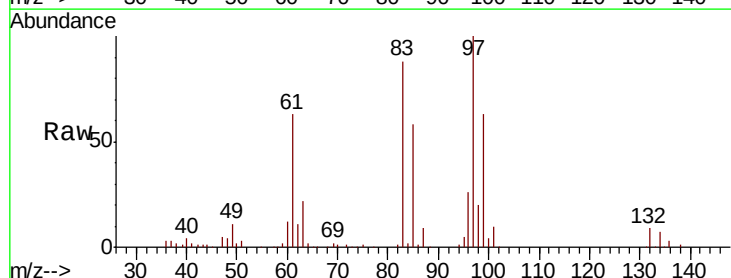
Tot Ion: 75 Resp: 63987
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.0 39.0
 39 51.0 42.6 63.8

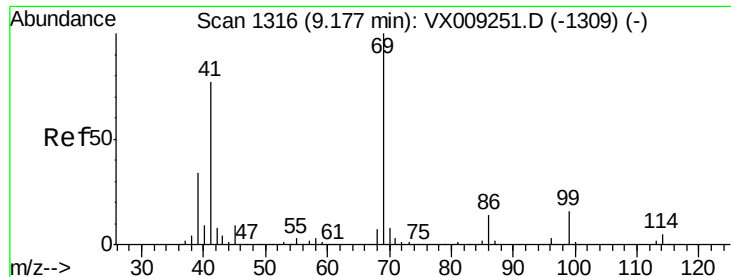


#50

1,1,2-Trichloroethane
 Concen: 19.728 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 97 Resp: 38694
 Ion Ratio Lower Upper
 97 100
 83 88.1 68.8 103.2
 85 58.0 45.8 68.6
 99 63.0 50.0 75.0

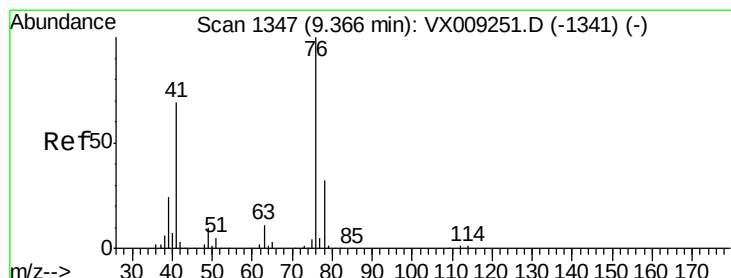
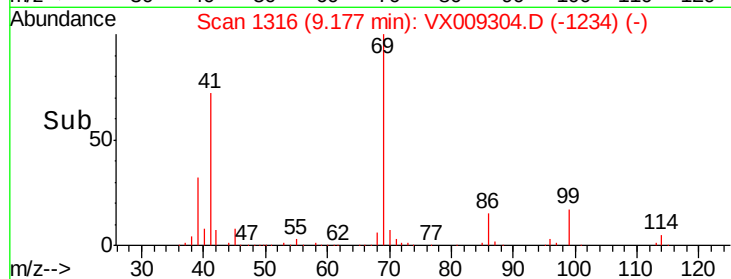
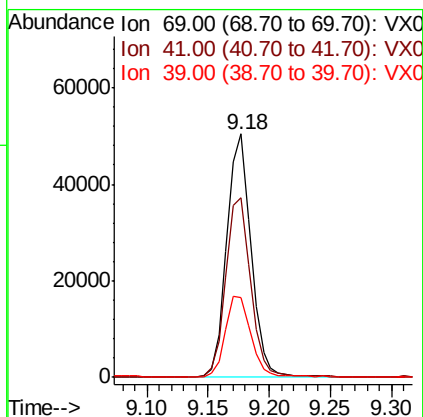
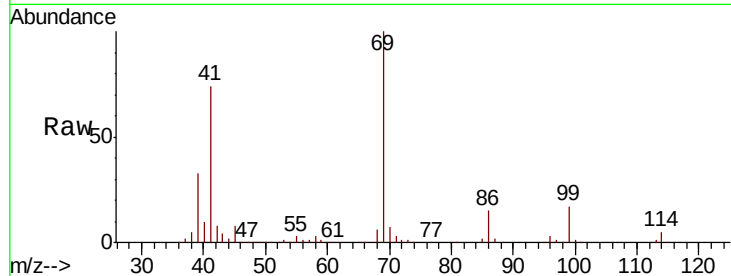




#51
Ethyl methacrylate
Concen: 19.212 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

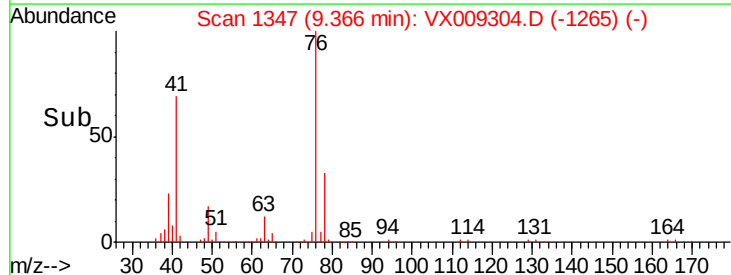
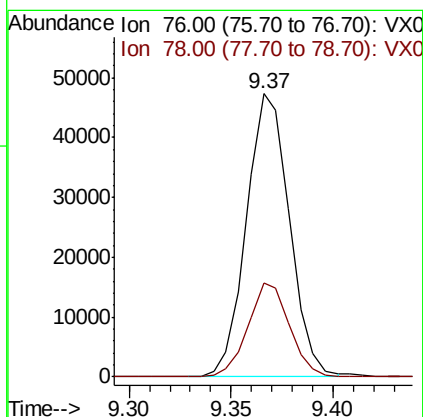
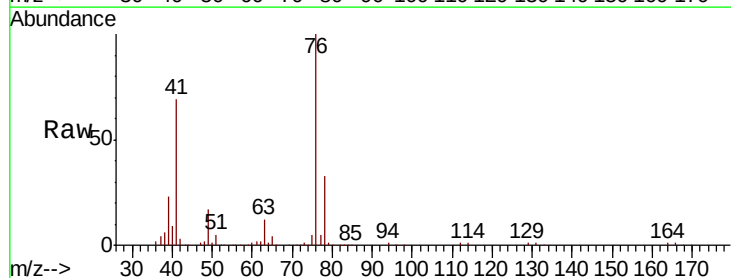
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

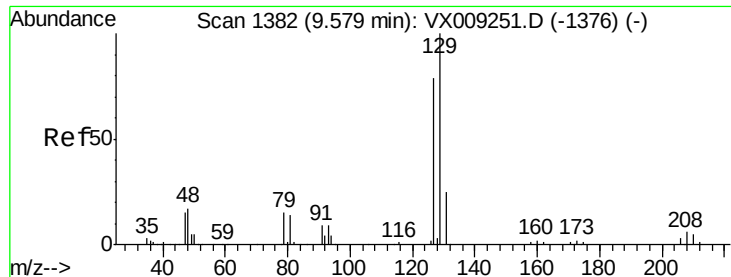
Tot Ion: 69 Resp: 69636
Ion Ratio Lower Upper
69 100
41 73.3 38.4 115.2
39 32.3 17.2 51.5



#52
1,3-Dichloropropane
Concen: 19.936 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 76 Resp: 69396
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2

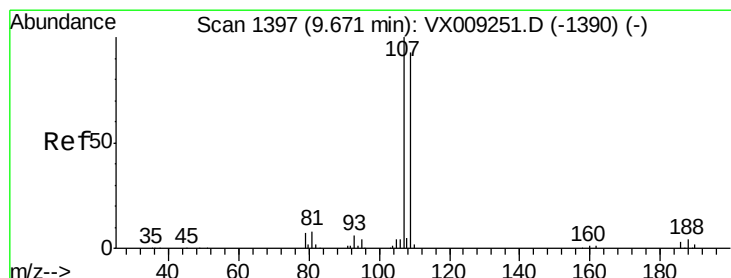
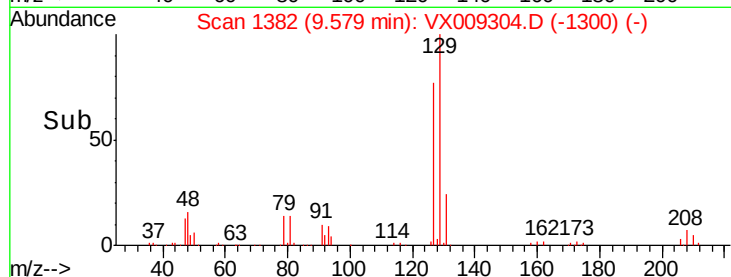
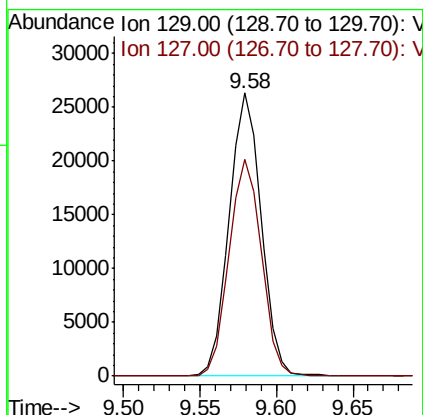
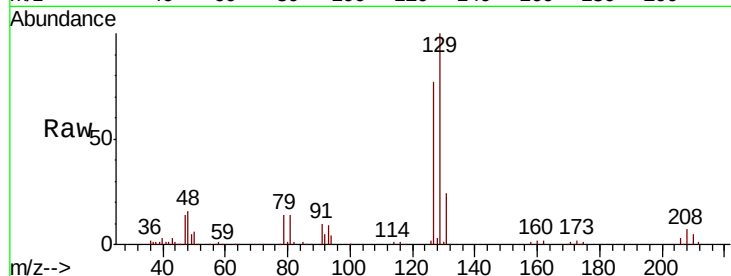




#53
 Dibromochloromethane
 Concen: 19.599 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

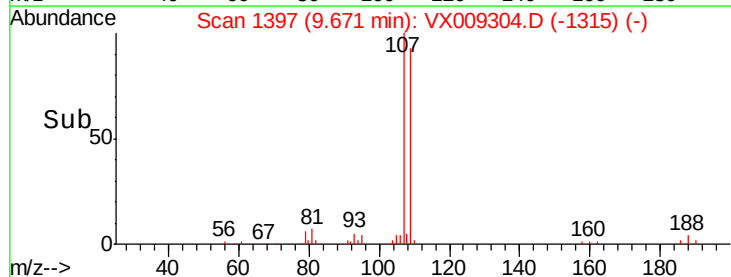
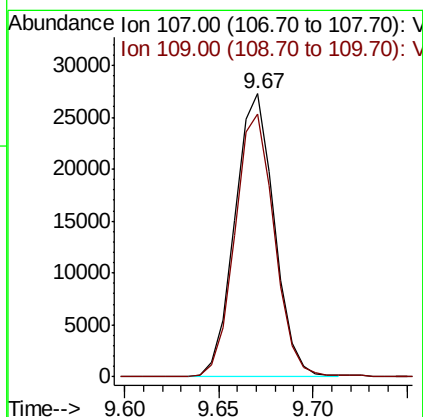
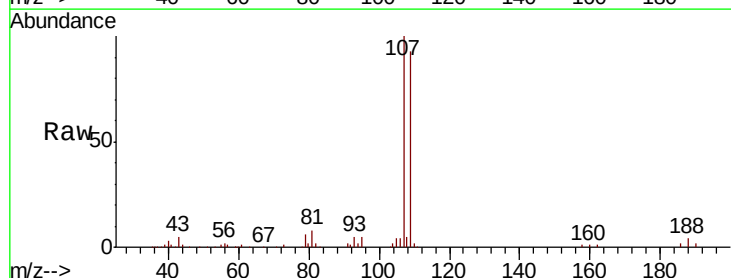
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

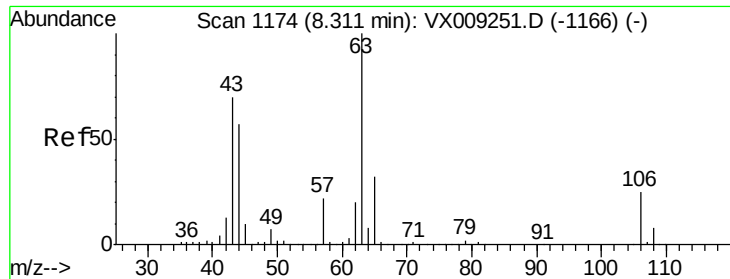
Tot Ion:129 Resp: 38283
 Ion Ratio Lower Upper
 129 100
 127 77.0 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 19.674 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion:107 Resp: 39576
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.5 113.3

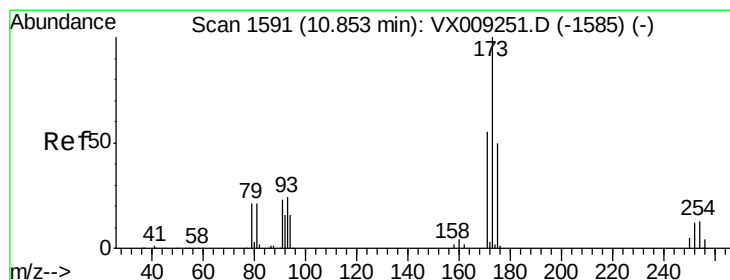
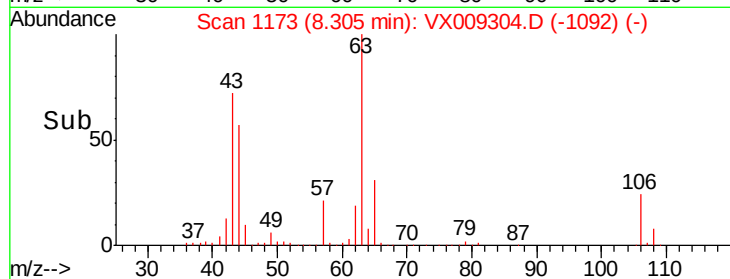
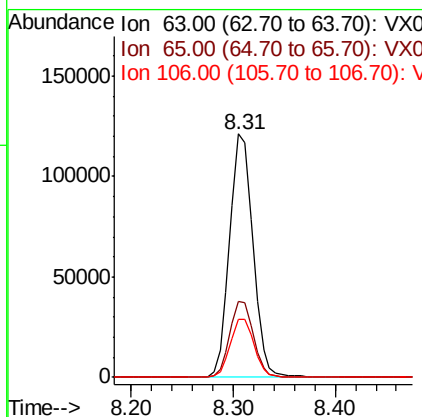
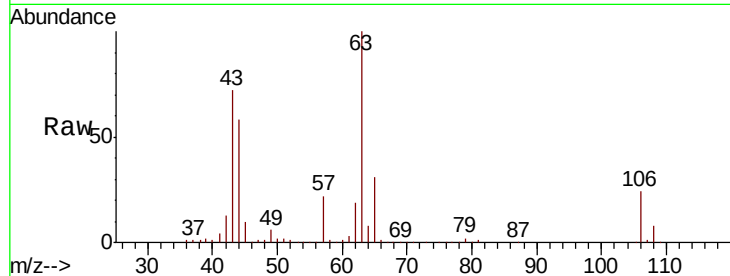




#55
2-Chloroethyl vinyl ether
Concen: 99.588 ug/l
RT: 8.31 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

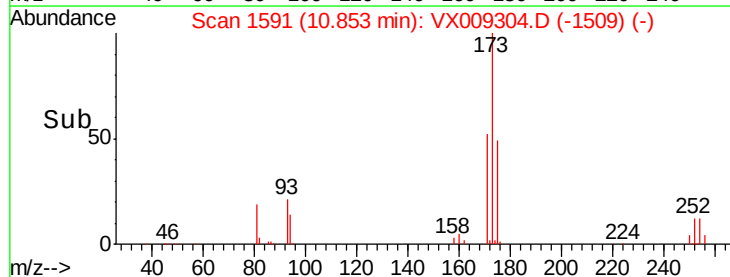
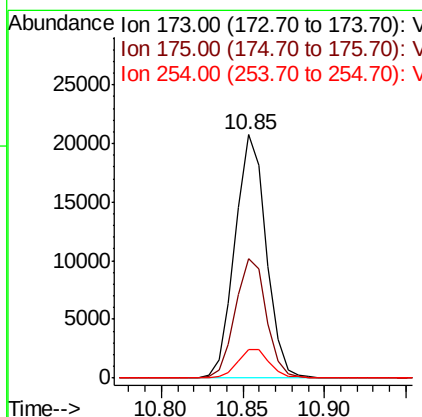
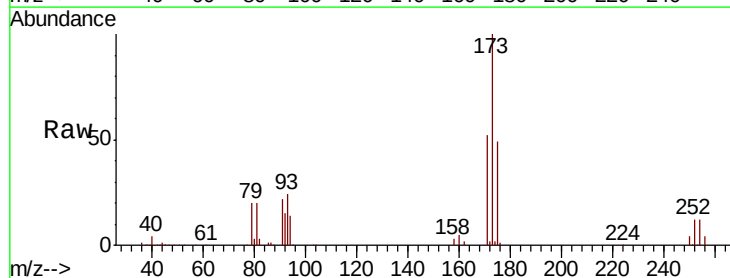
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

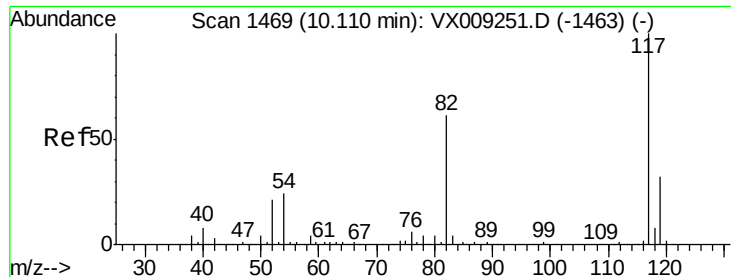
Tot Ion: 63 Resp: 192344
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6
106 24.4 19.8 29.6



#56
Bromoform
Concen: 18.437 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 173 Resp: 27646
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 12.1 9.9 14.9

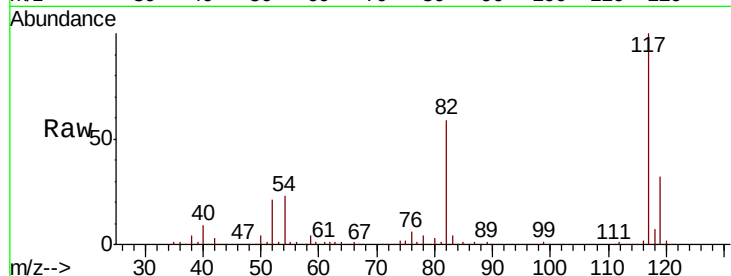




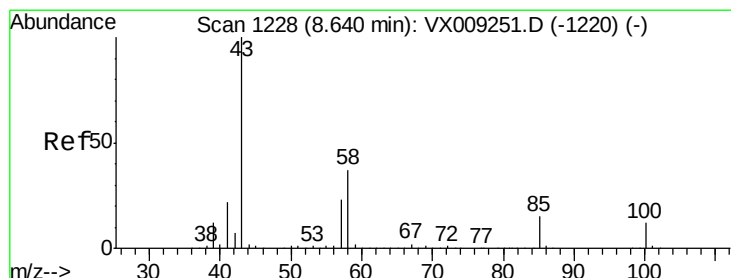
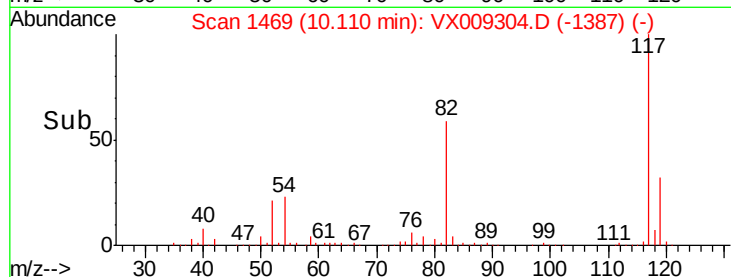
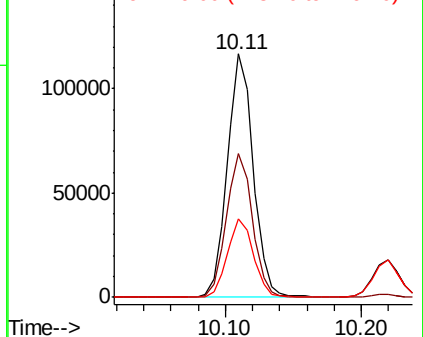
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:117 Resp: 154932
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.6 25.6 38.4

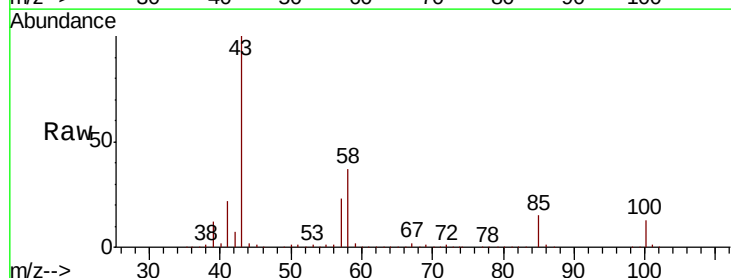


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

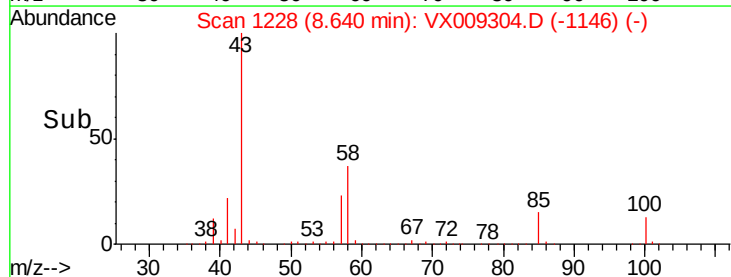
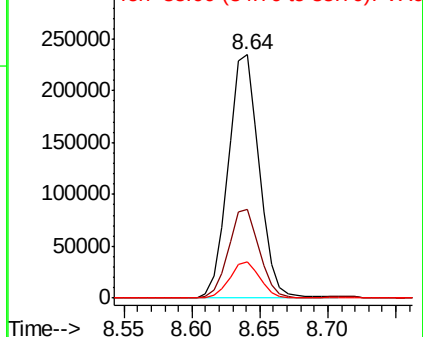


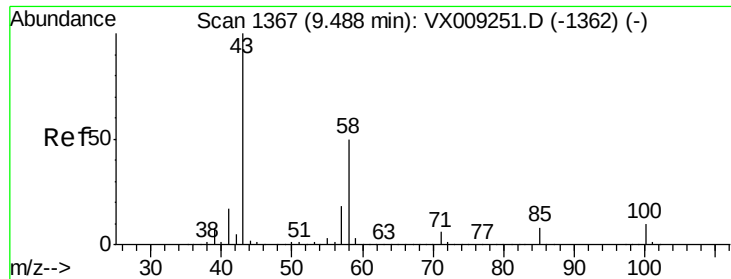
#58
4-Methyl-2-Pentanone
Concen: 97.581 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 43 Resp: 371743
Ion Ratio Lower Upper
43 100
58 36.3 29.4 44.0
85 14.8 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

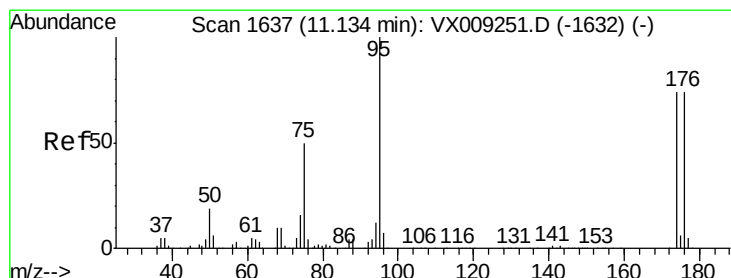
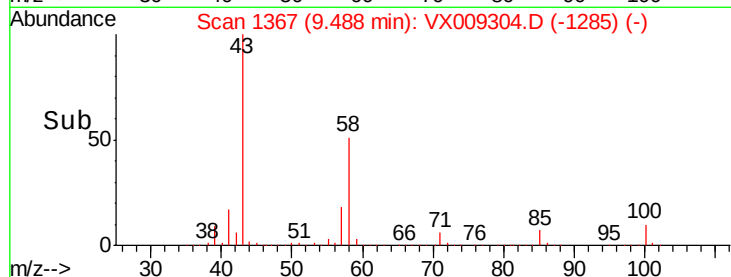
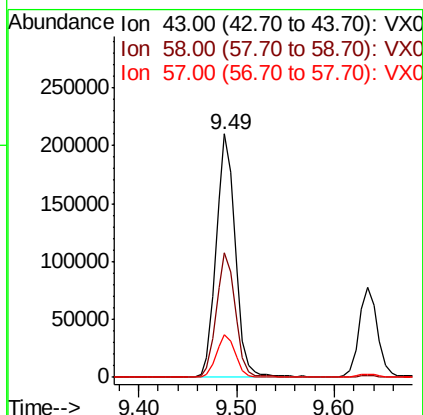
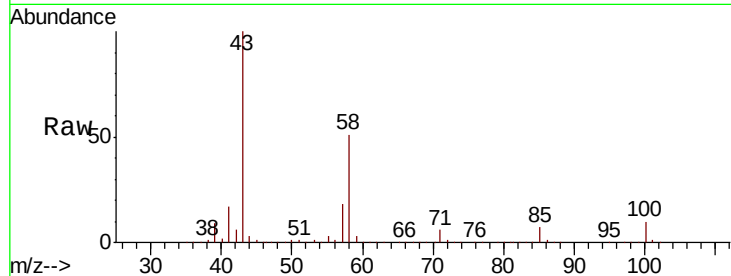




#59
2-Hexanone
Concen: 95.332 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

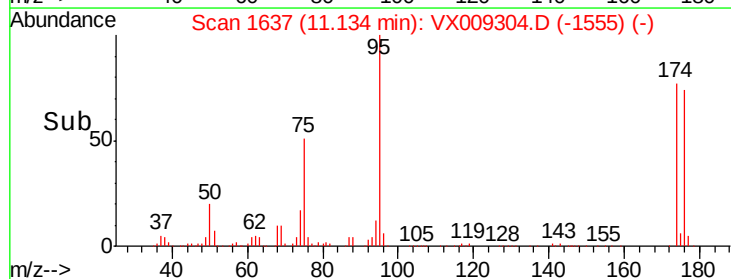
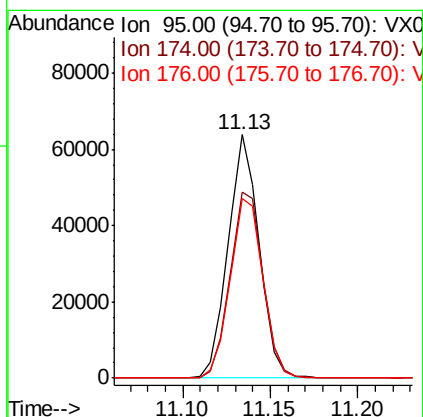
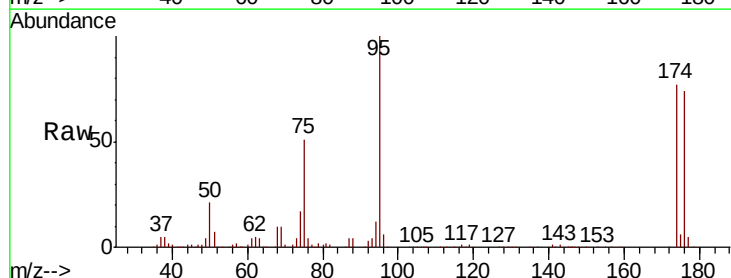
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

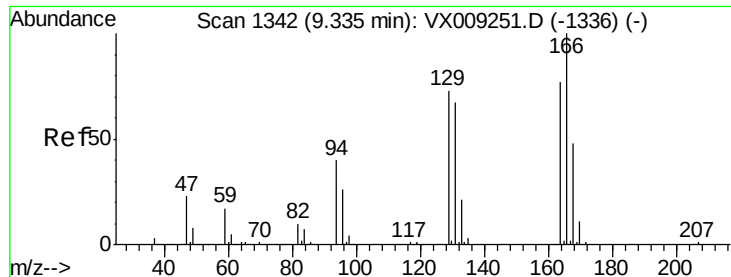
Tot Ion: 43 Resp: 284855
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.855 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 95 Resp: 78597
Ion Ratio Lower Upper
95 100
174 81.3 63.6 95.4
176 78.2 62.4 93.6





#61

Tetrachloroethene

Concen: 20.239 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion:164 Resp: 34568

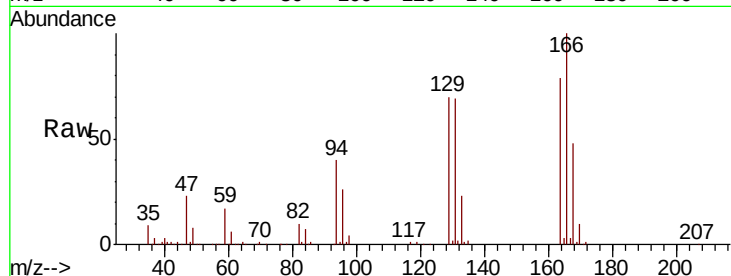
Ion Ratio Lower Upper

164 100

166 127.3 104.1 156.1

129 89.6 76.0 114.0

131 87.7 70.1 105.1

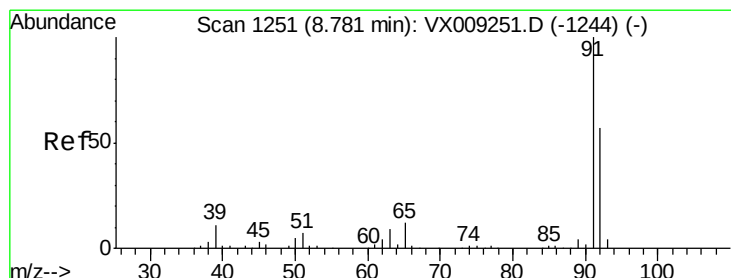
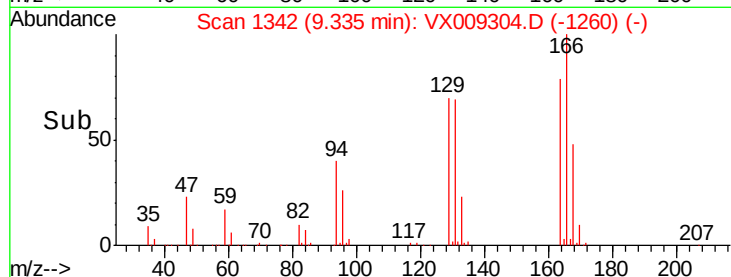
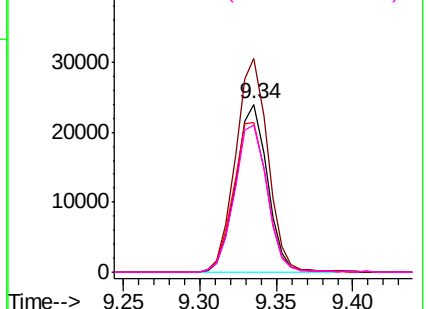


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.991 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009304.D

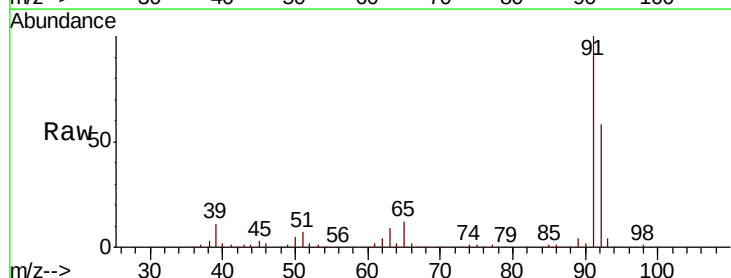
Acq: 03 May 2019 11:57

Tgt Ion: 91 Resp: 165499

Ion Ratio Lower Upper

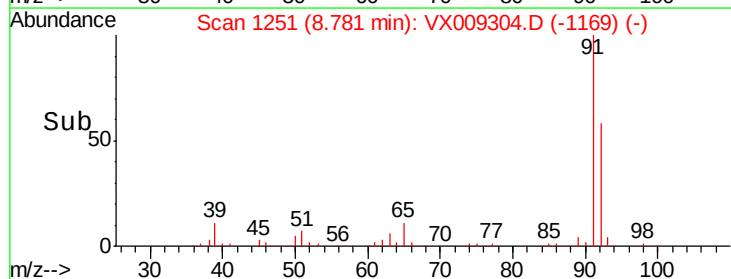
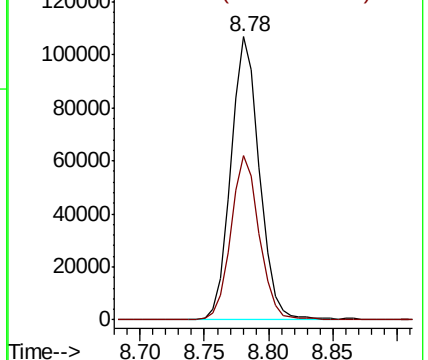
91 100

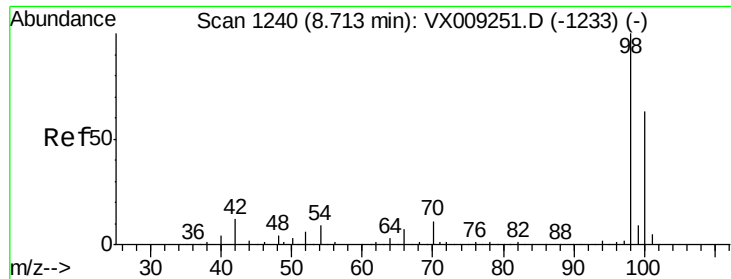
92 57.7 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

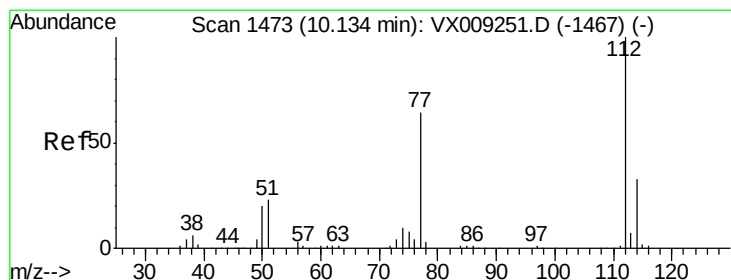
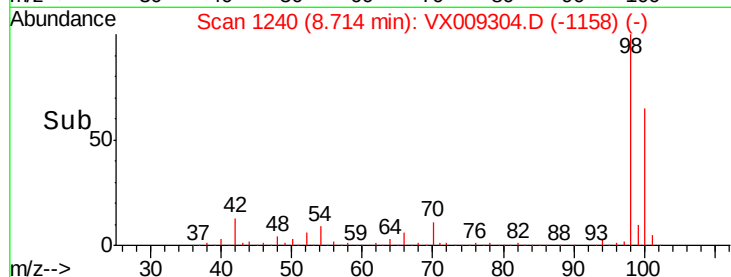
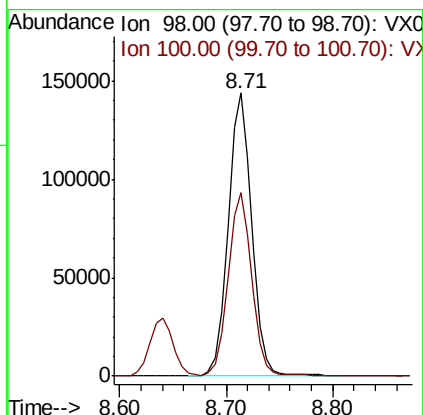
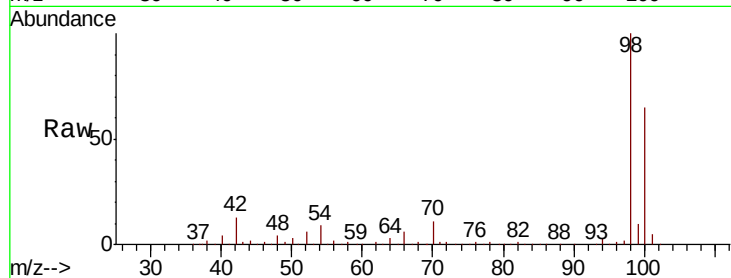




#63
Toluene-d8
Concen: 30.379 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

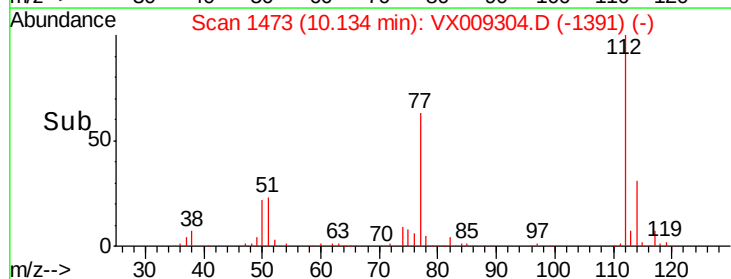
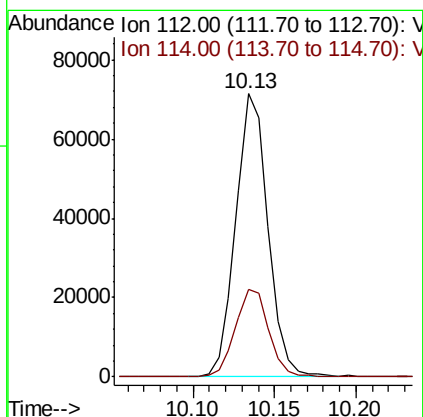
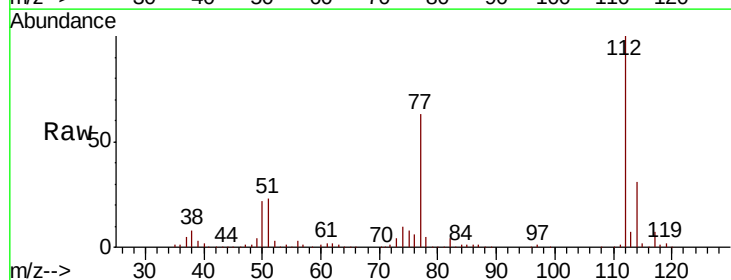
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

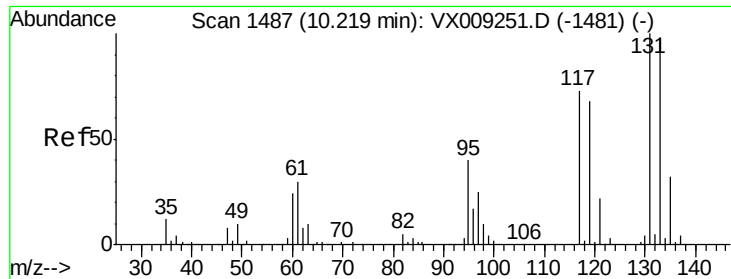
Tot Ion: 98 Resp: 223148
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#64
Chlorobenzene
Concen: 19.757 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion: 112 Resp: 98441
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.554 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

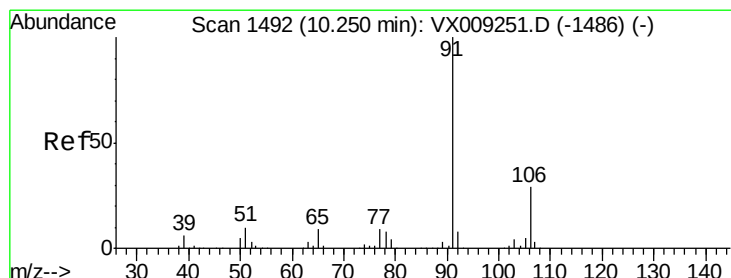
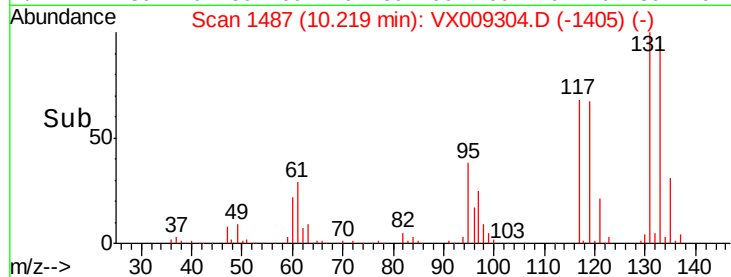
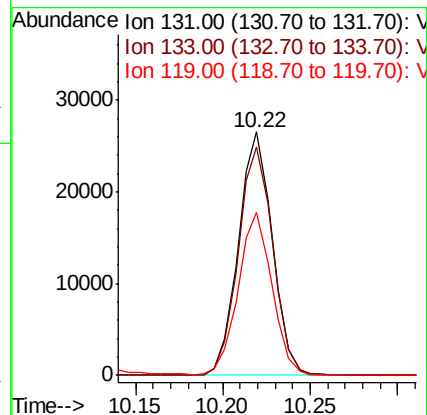
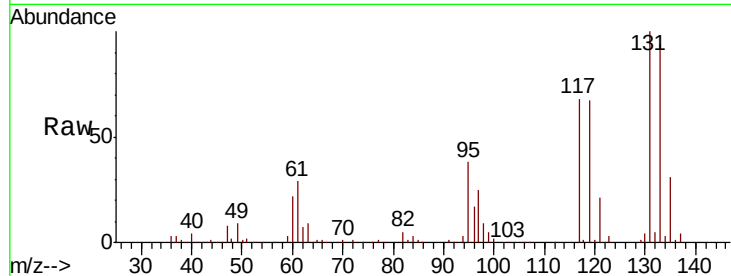
Tot Ion:131 Resp: 35673

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.2

119 66.7 0.0 135.4



#66

Ethyl Benzene

Concen: 19.790 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009304.D

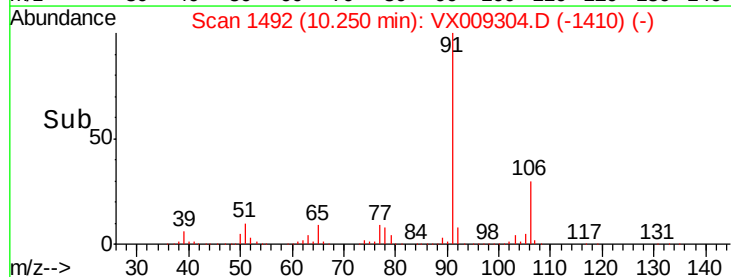
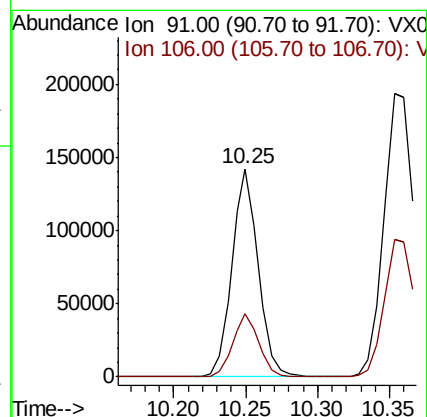
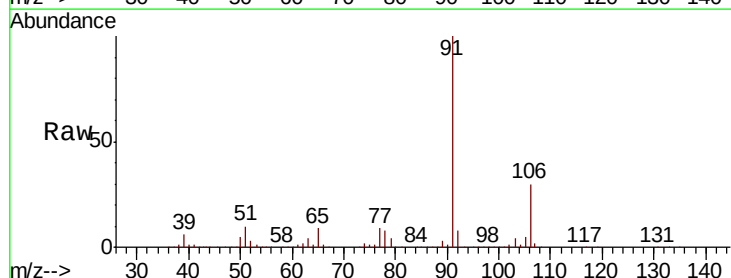
Acq: 03 May 2019 11:57

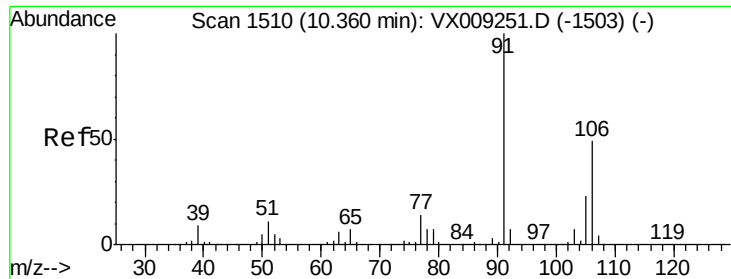
Tgt Ion: 91 Resp: 182523

Ion Ratio Lower Upper

91 100

106 30.2 23.5 35.3

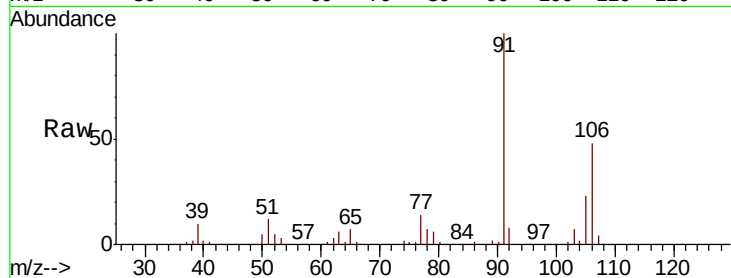




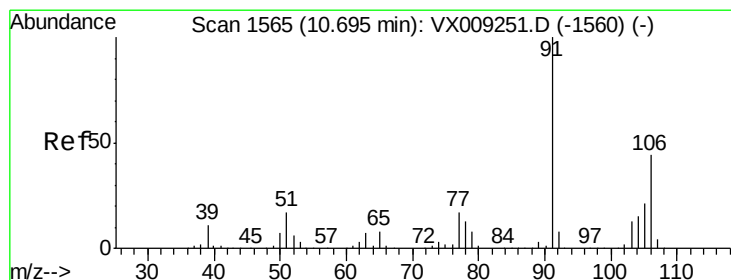
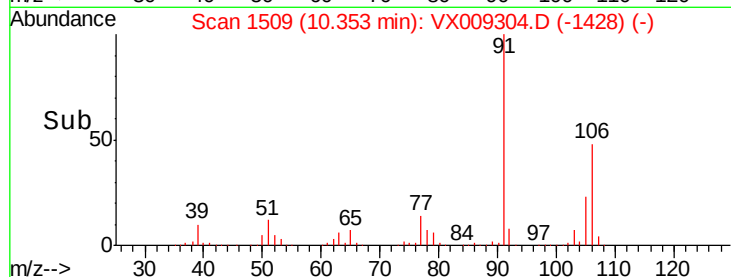
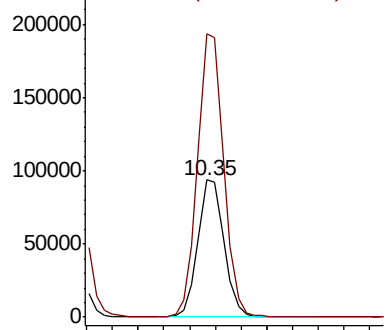
#67
m/p-Xylenes
Concen: 40.121 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:106 Resp: 135102
Ion Ratio Lower Upper
106 100
91 205.5 166.8 250.2

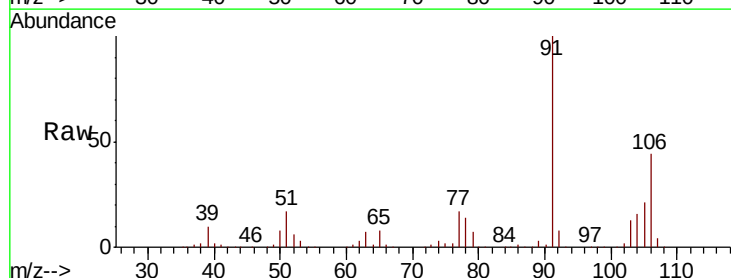


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

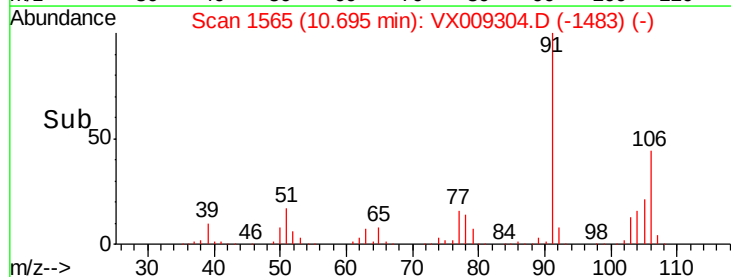
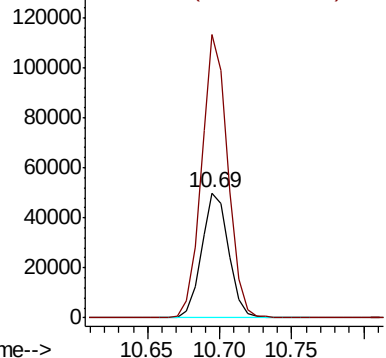


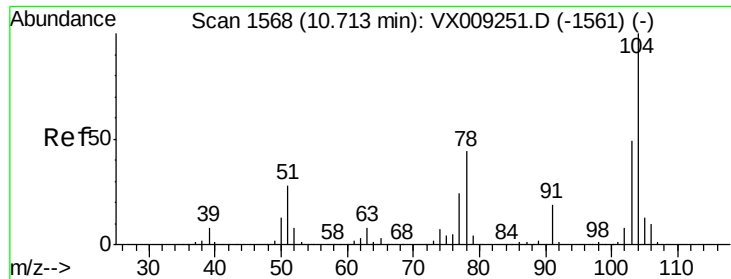
#68
o-Xylene
Concen: 19.897 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion:106 Resp: 65880
Ion Ratio Lower Upper
106 100
91 219.1 110.8 332.3



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

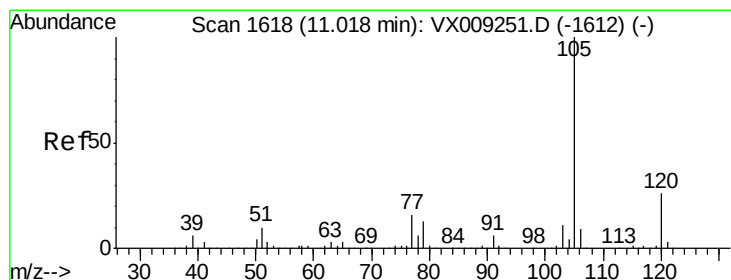
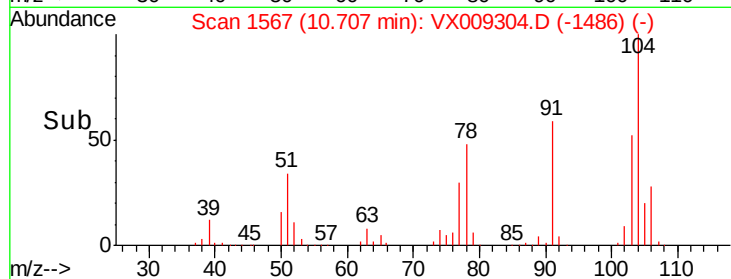
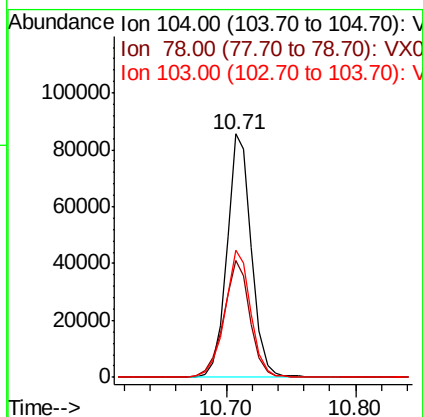
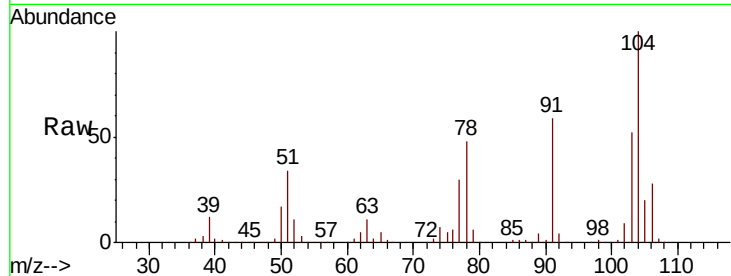




#69
Stvrene
Concen: 19.490 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

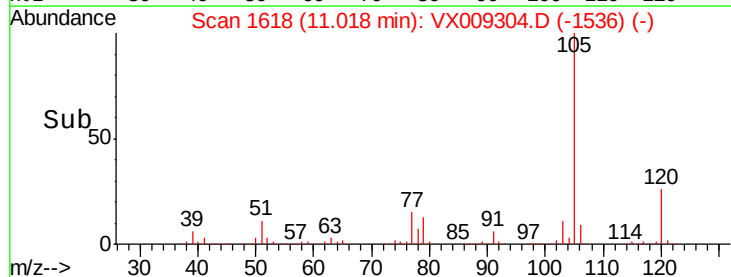
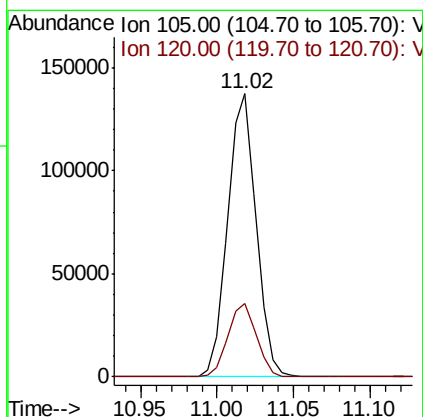
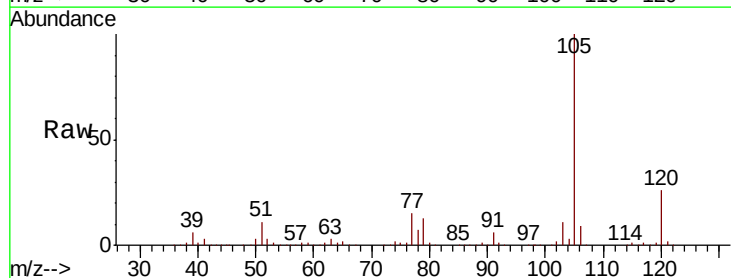
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

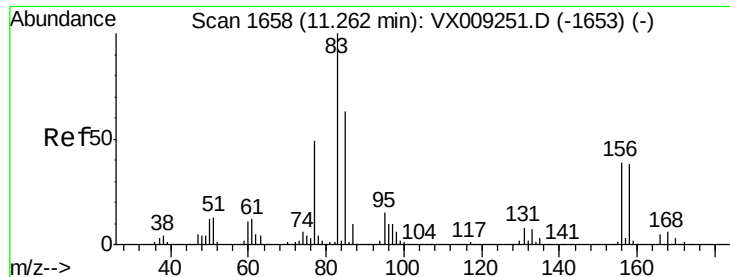
Tot Ion:104 Resp: 113281
Ion Ratio Lower Upper
104 100
78 51.9 41.1 61.7
103 55.2 43.8 65.8



#70
Isopropylbenzene
Concen: 19.842 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion:105 Resp: 176688
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.7

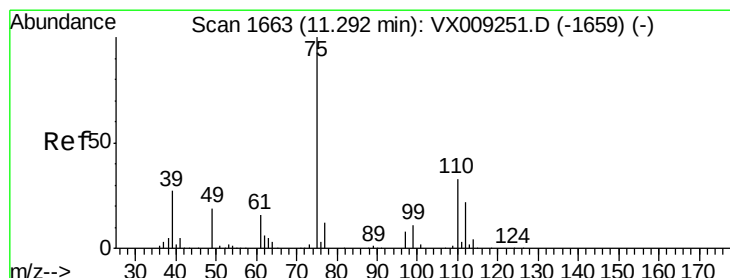
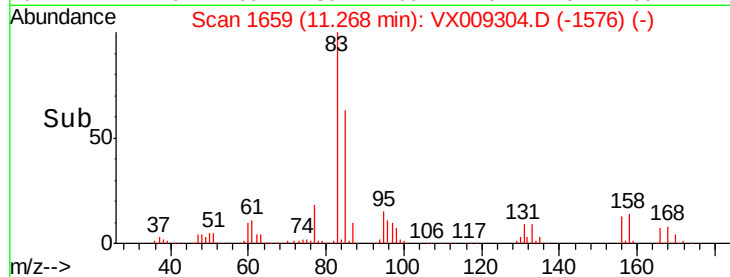
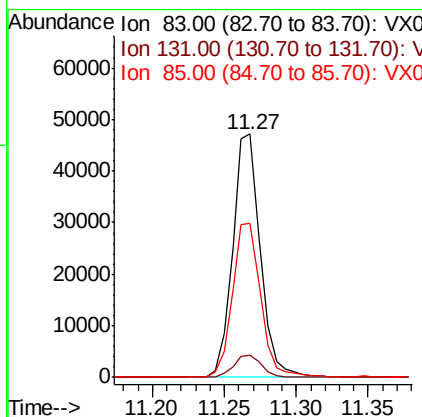
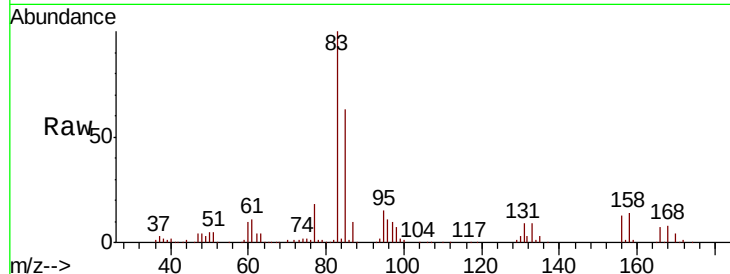




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.413 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

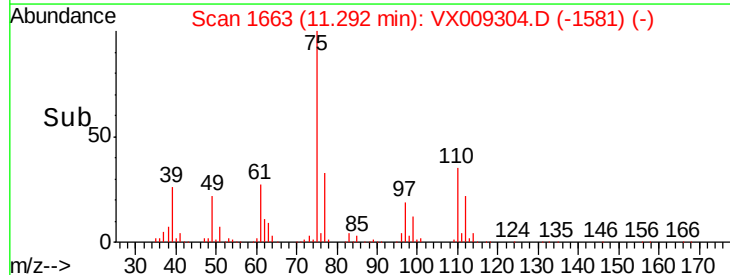
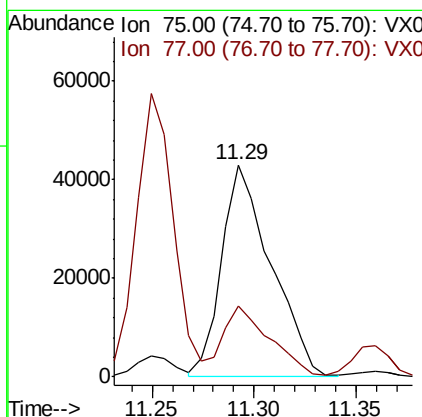
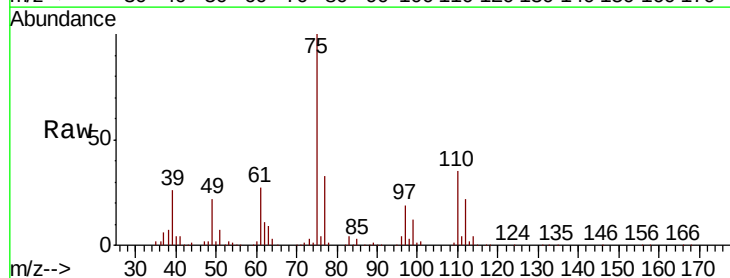
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

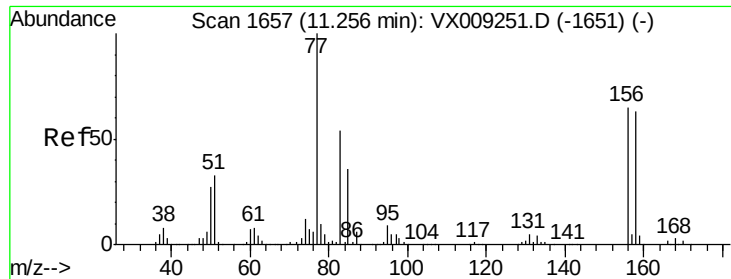
Tot Ion	83	Resp	63309
Ion Ratio	100	Lower	Upper
83	100		
131	9.3	4.7	14.0
85	65.0	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 25.648 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion	75	Resp	72078
Ion Ratio	100	Lower	Upper
75	100		
77	32.2	0.0	86.4





#73

Bromobenzene

Concen: 19.429 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

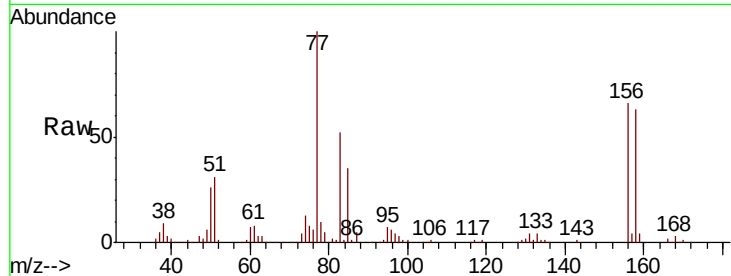
Tot Ion:156 Resp: 42746

Ion Ratio Lower Upper

156 100

77 169.7 0.0 335.6

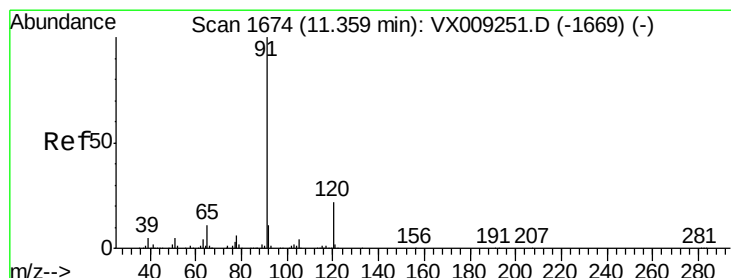
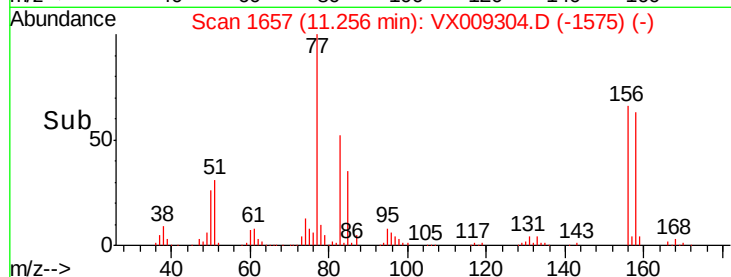
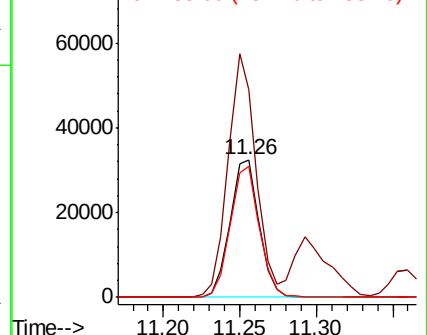
158 95.0 0.0 191.2



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: 19.996 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009304.D

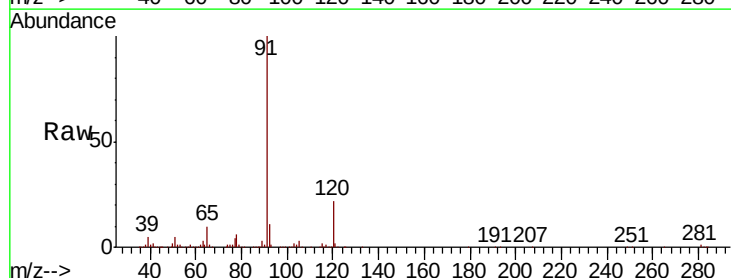
Acq: 03 May 2019 11:57

Tgt Ion: 91 Resp: 206335

Ion Ratio Lower Upper

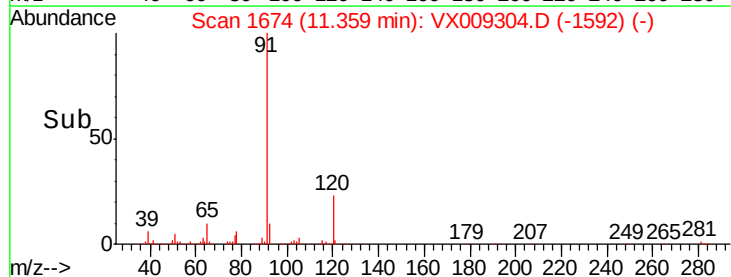
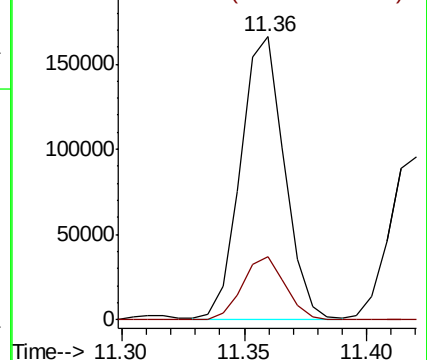
91 100

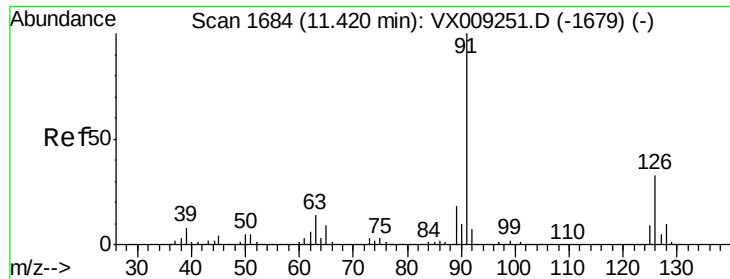
120 21.9 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.900 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

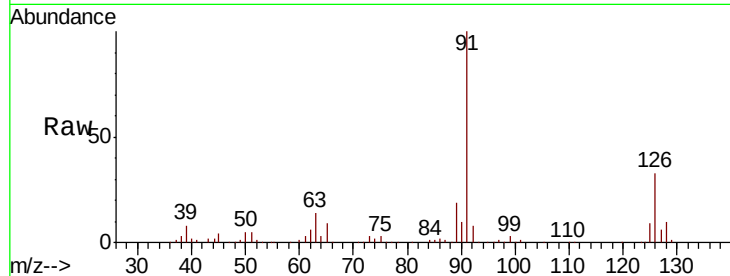
VX0503WBS01

Tot Ion: 91 Resp: 123166

Ion Ratio Lower Upper

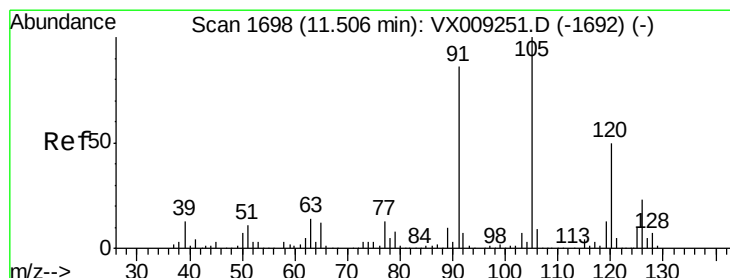
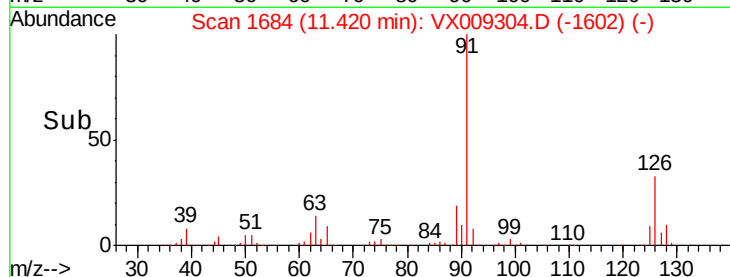
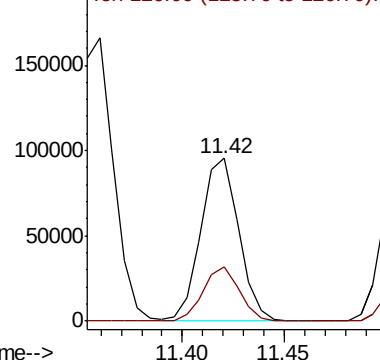
91 100

126 31.8 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.886 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009304.D

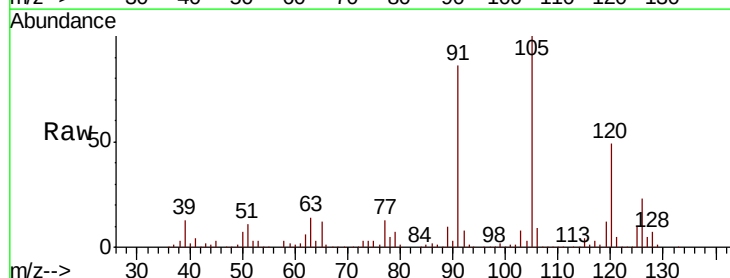
Acq: 03 May 2019 11:57

Tgt Ion:105 Resp: 149994

Ion Ratio Lower Upper

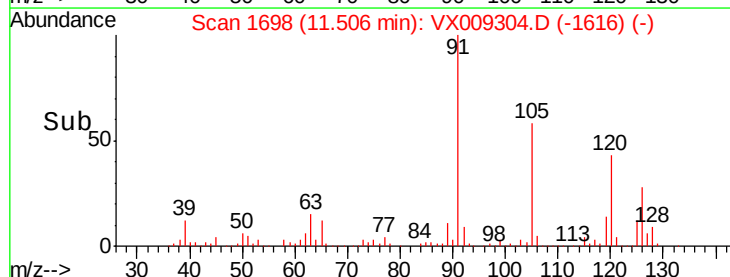
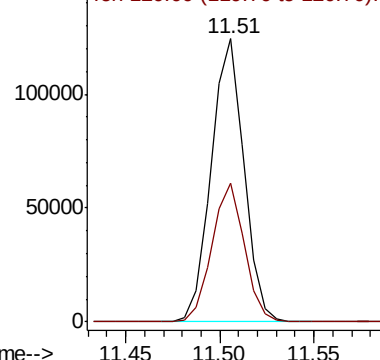
105 100

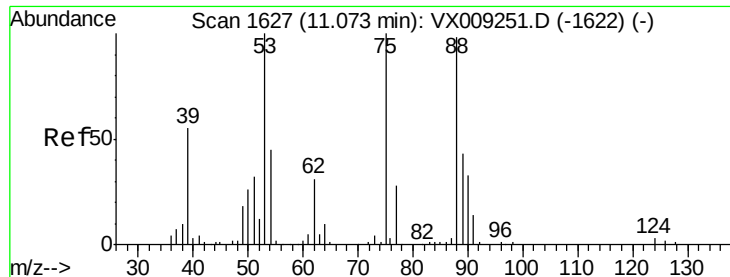
120 48.7 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.384 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

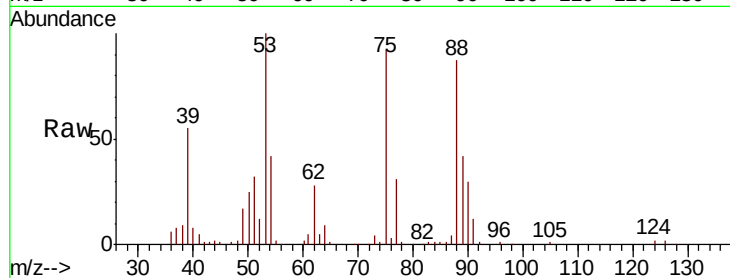
Tot Ion: 75 Resp: 19706

Ion Ratio Lower Upper

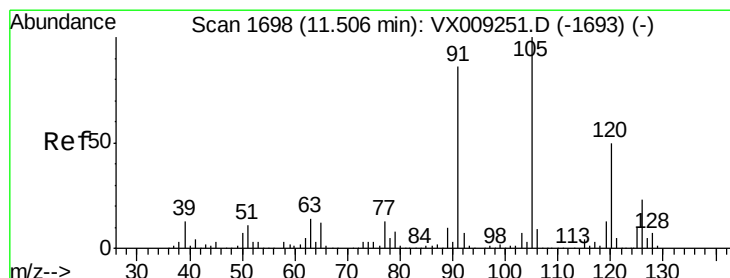
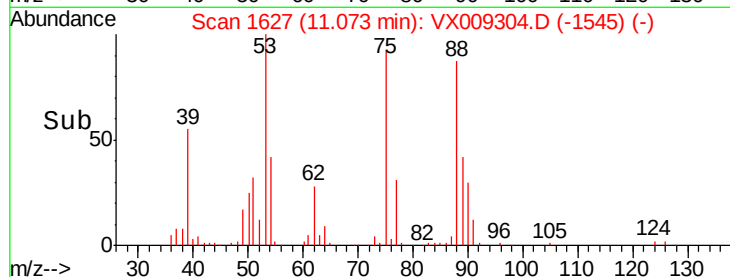
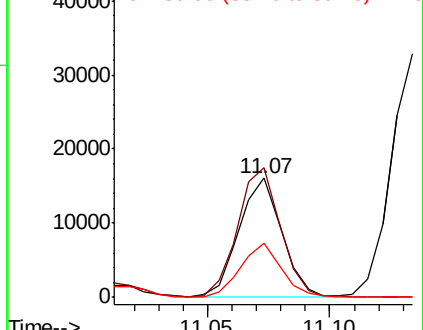
75 100

53 108.5 50.0 149.8

89 45.0 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: 19.765 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009304.D

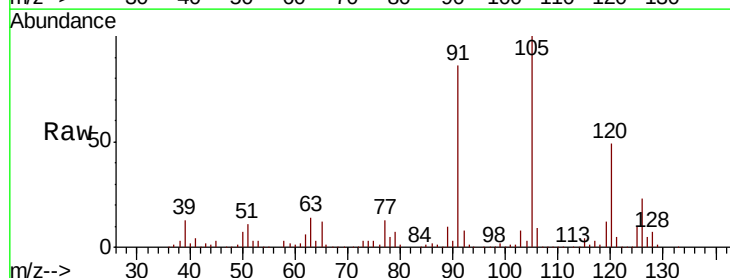
Acq: 03 May 2019 11:57

Tgt Ion: 91 Resp: 138938

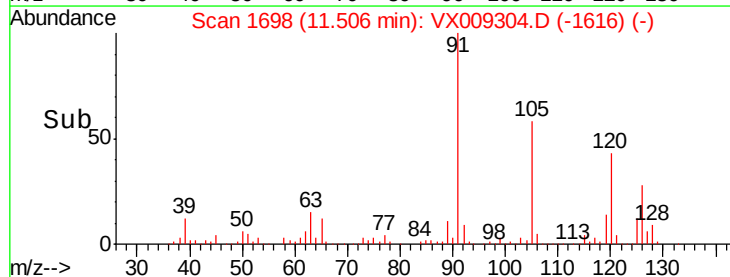
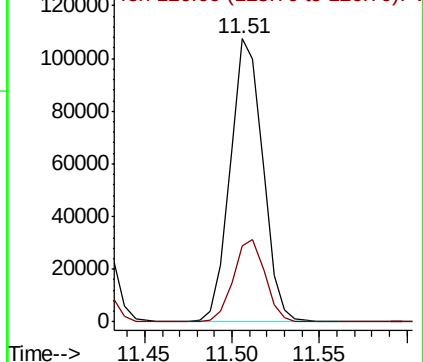
Ion Ratio Lower Upper

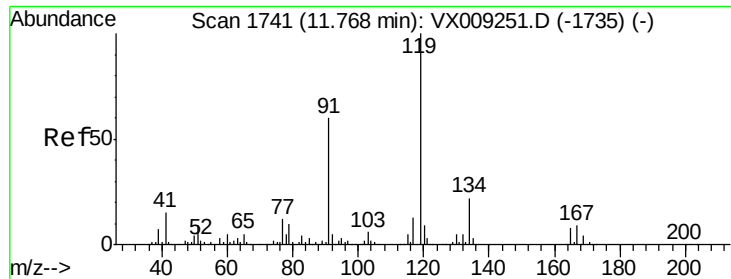
91 100

126 28.5 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

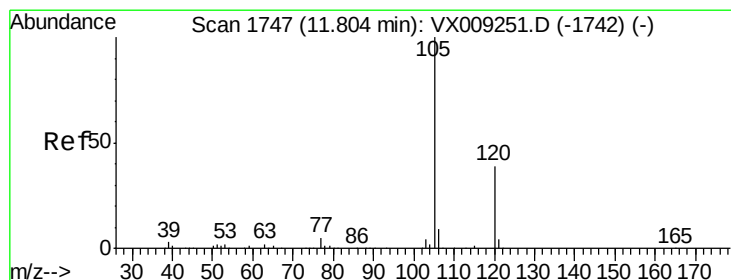
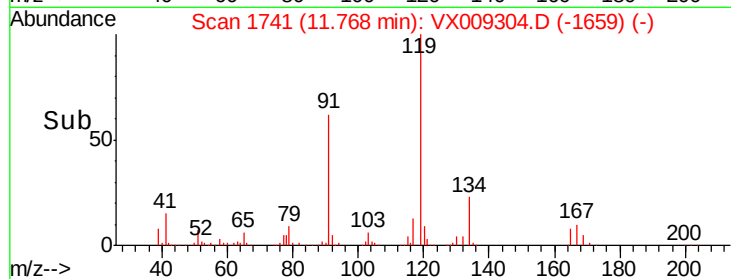
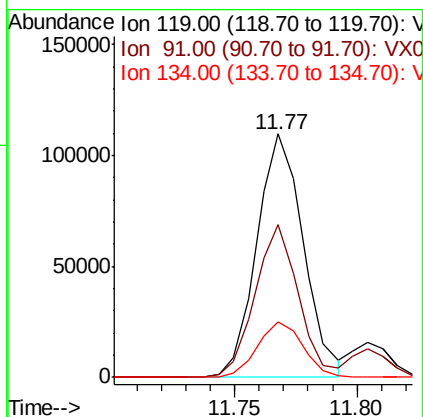
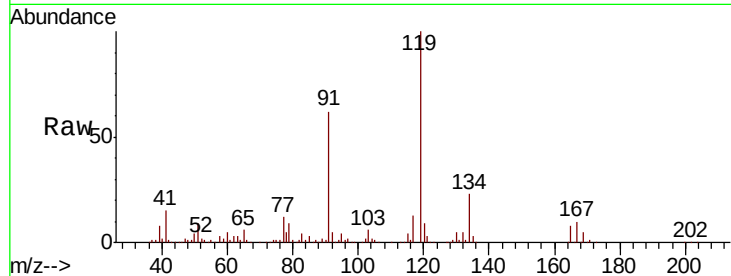




#79
tert-butylbenzene
Concen: 19.927 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

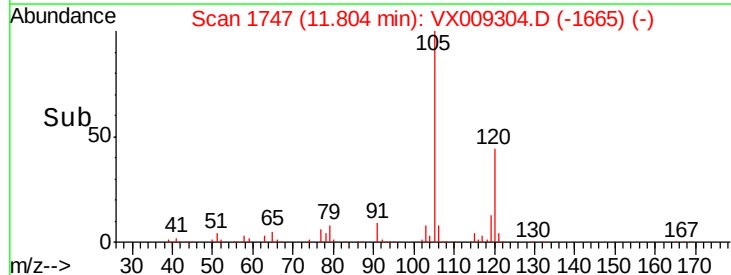
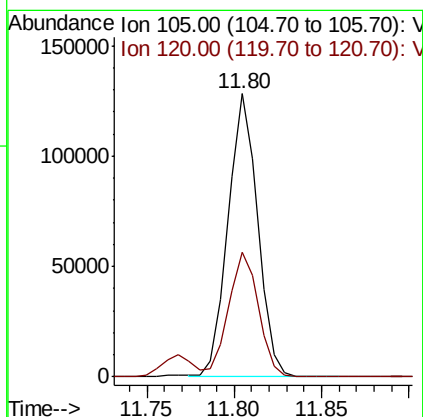
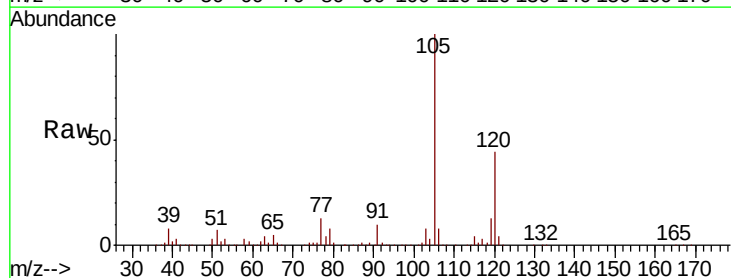
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

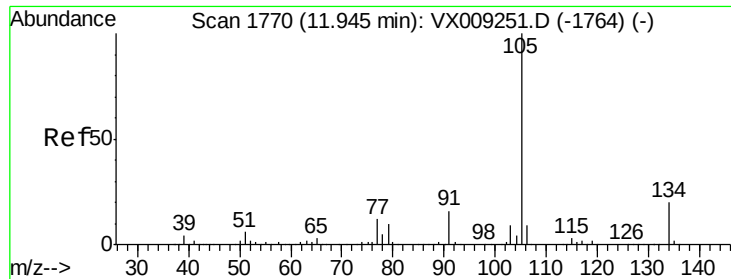
Tot Ion:119 Resp: 145304
Ion Ratio Lower Upper
119 100
91 58.3 0.0 118.2
134 22.4 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 19.994 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion:105 Resp: 151153
Ion Ratio Lower Upper
105 100
120 44.3 0.0 89.6





#81

sec-Butylbenzene

Concen: 19.974 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

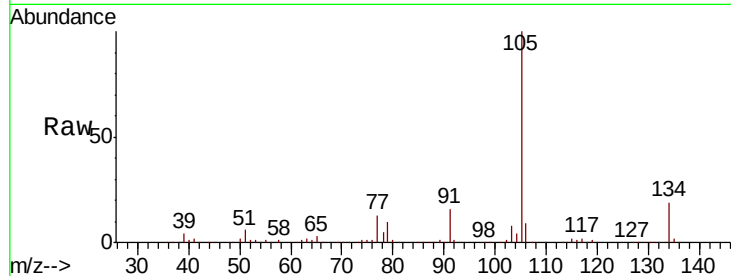
VX0503WBS01

Tot Ion:105 Resp: 173042

Ion Ratio Lower Upper

105 100

134 19.6 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

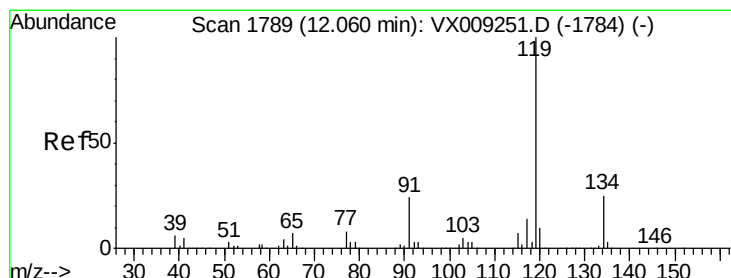
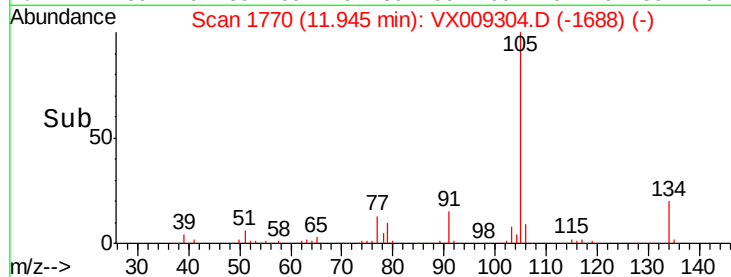
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.745 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

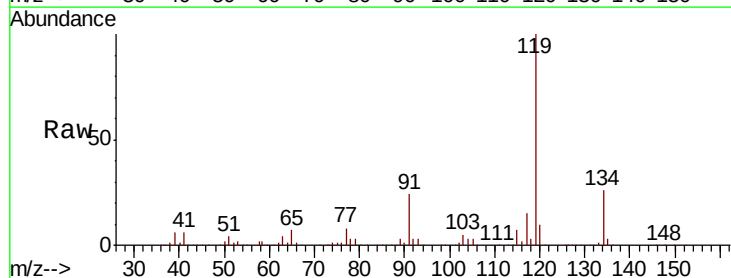
Tgt Ion:119 Resp: 155601

Ion Ratio Lower Upper

119 100

134 26.2 0.0 50.8

91 23.4 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

12.06

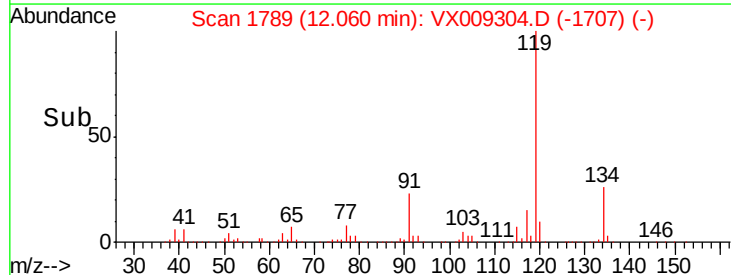
150000

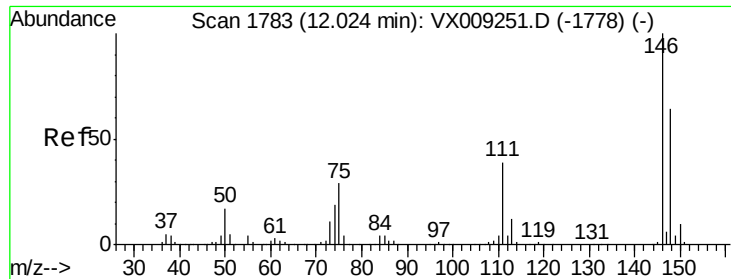
100000

50000

0

Time-->

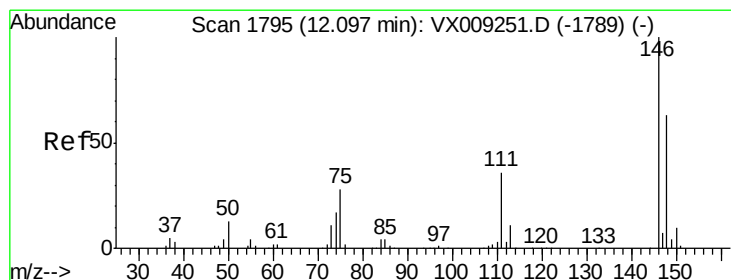
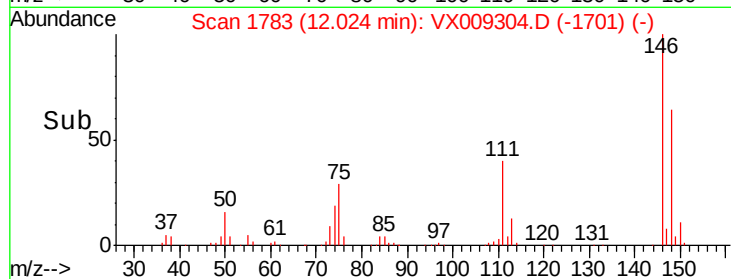
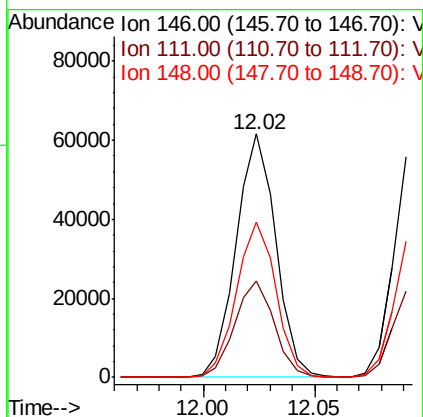
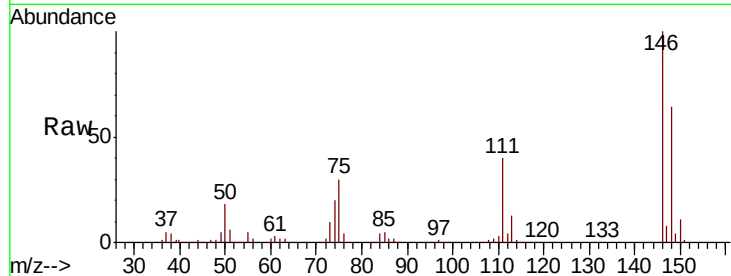




#83
 1,3-Dichlorobenzene
 Concen: 19.458 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

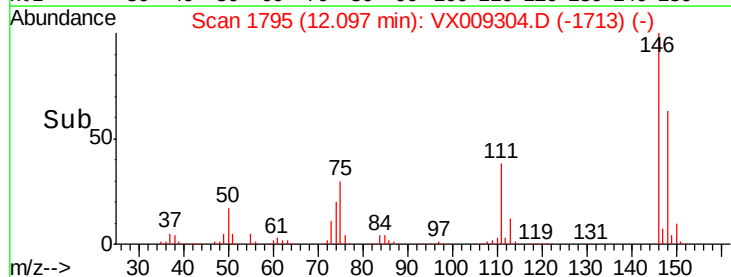
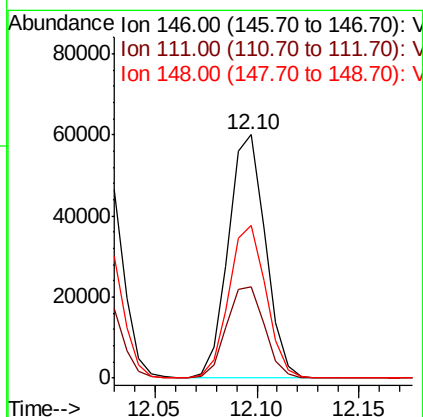
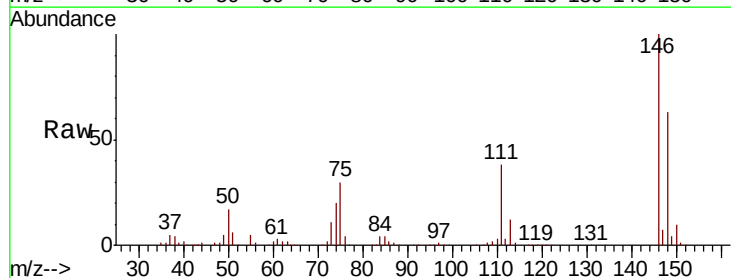
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

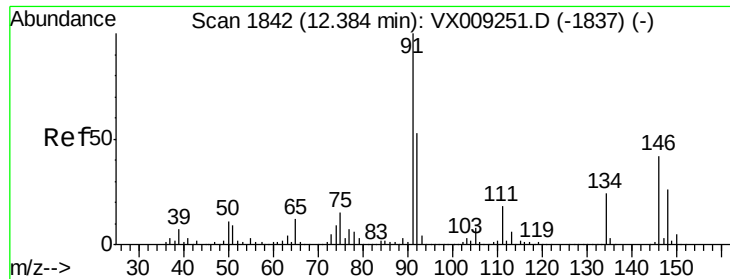
Tot Ion:146 Resp: 76453
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.0 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.314 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion:146 Resp: 75603
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.6 58.7
 148 62.9 32.3 96.8





#85

n-Butylbenzene

Concen: 19.438 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

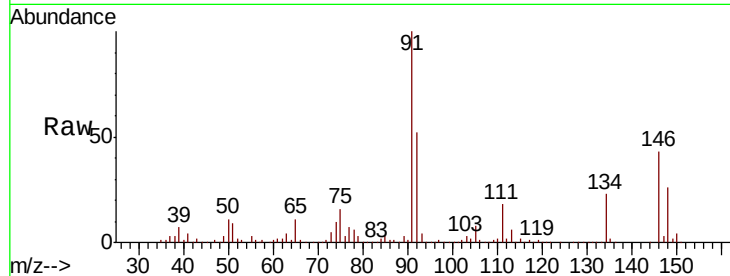
Tot Ion: 91 Resp: 140167

Ion Ratio Lower Upper

91 100

92 52.4 0.0 106.6

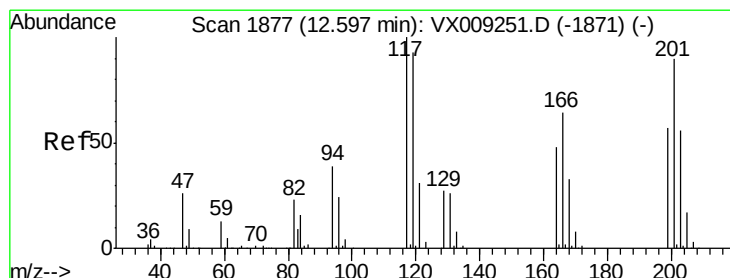
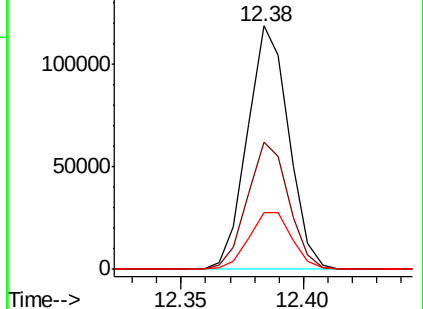
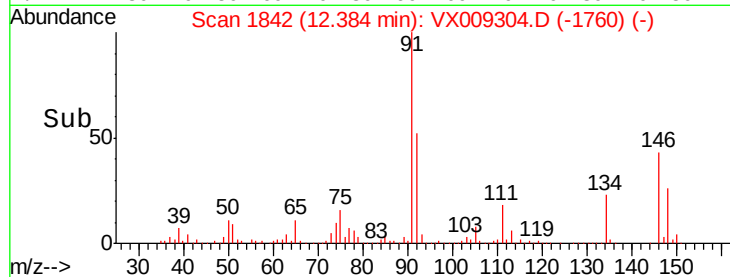
134 24.6 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 18.717 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009304.D

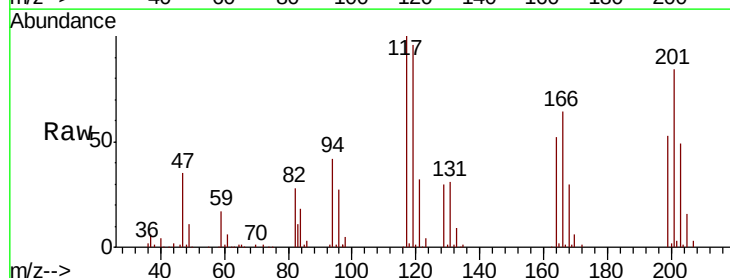
Acq: 03 May 2019 11:57

Tgt Ion: 117 Resp: 25100

Ion Ratio Lower Upper

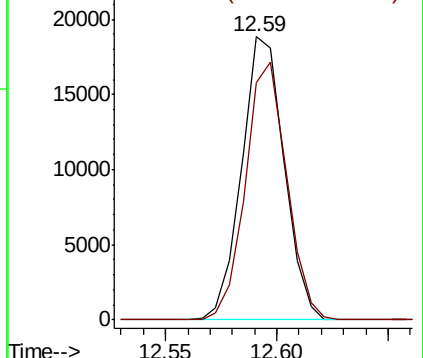
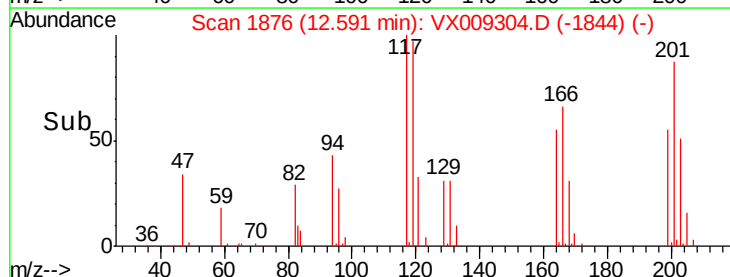
117 100

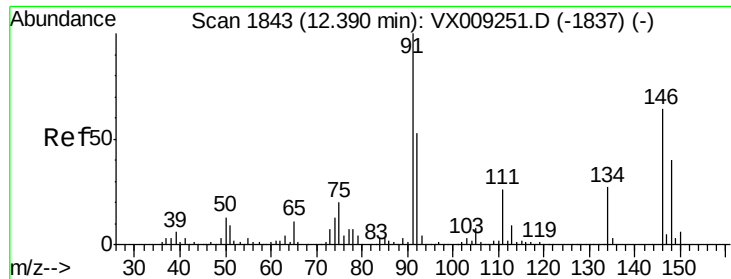
201 88.7 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

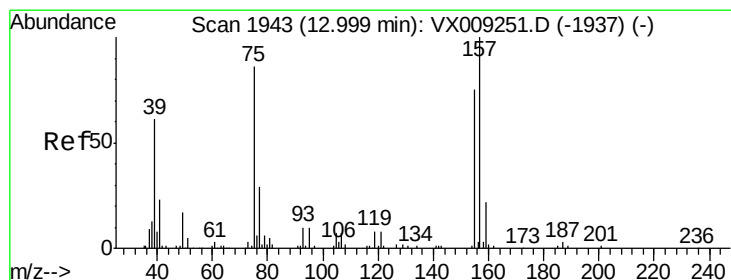
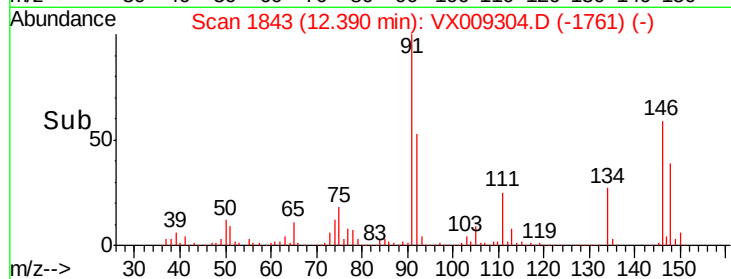
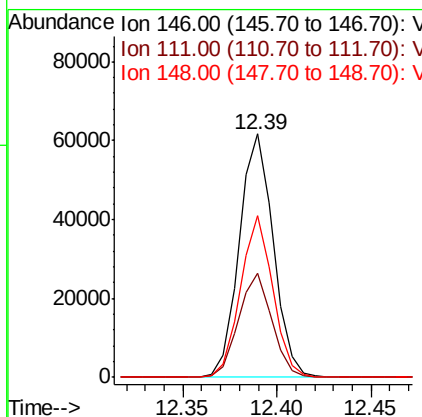
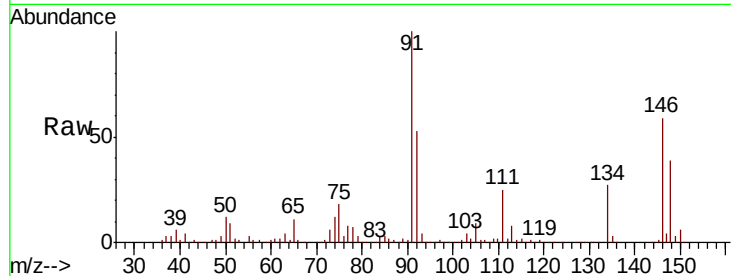




#87
 1,2-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

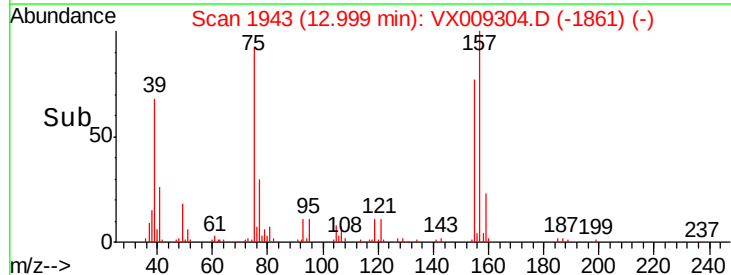
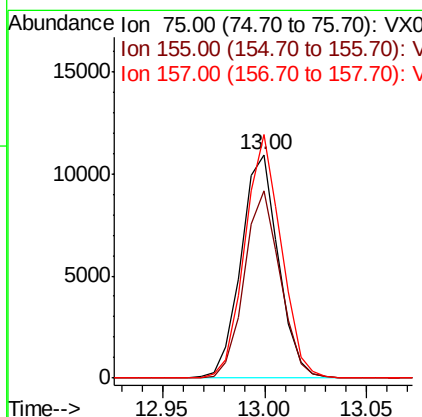
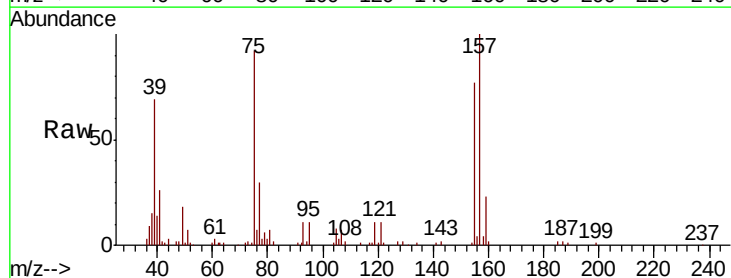
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

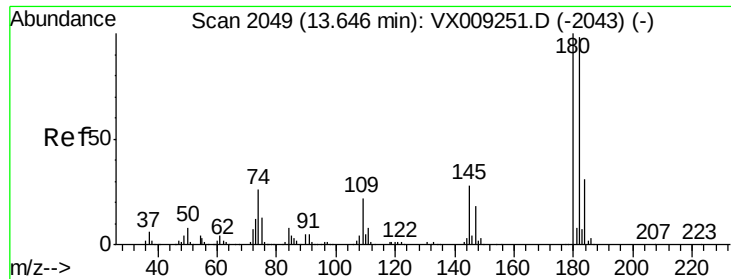
Tot Ion:146 Resp: 77166
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 62.8 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.353 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009304.D
 Acq: 03 May 2019 11:57

Tgt Ion: 75 Resp: 13908
 Ion Ratio Lower Upper
 75 100
 155 80.5 65.9 98.9
 157 105.9 85.2 127.8

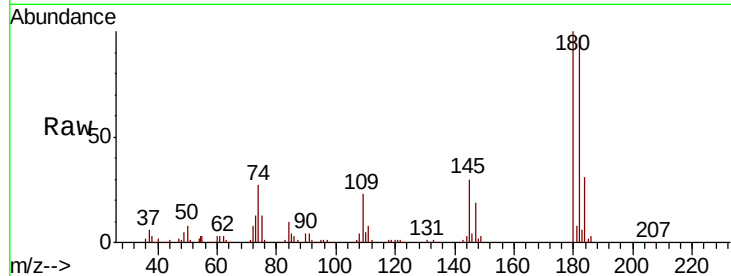




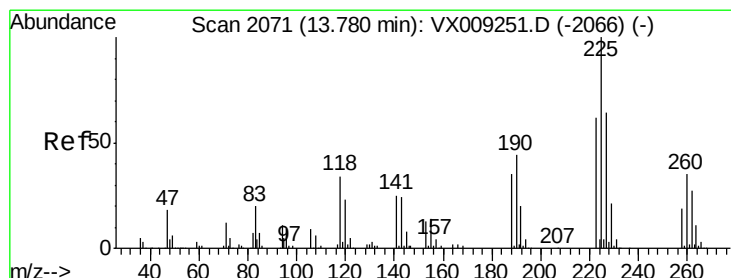
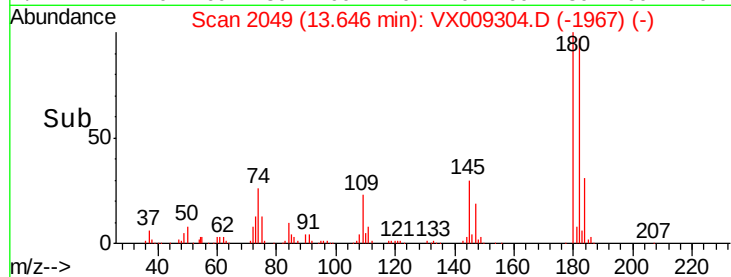
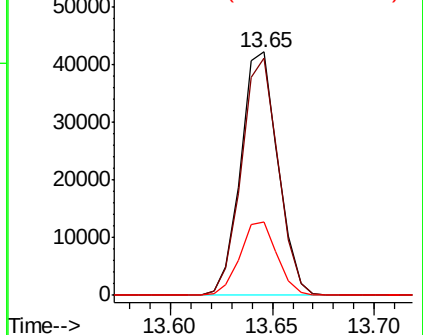
#89
1,2,4-Trichlorobenzene
Concen: 19.041 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:180 Resp: 53677
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 30.2 23.0 34.6

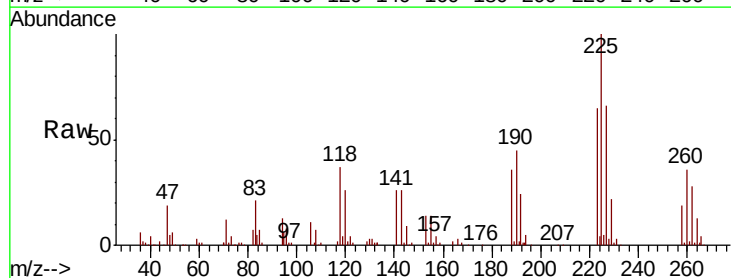


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

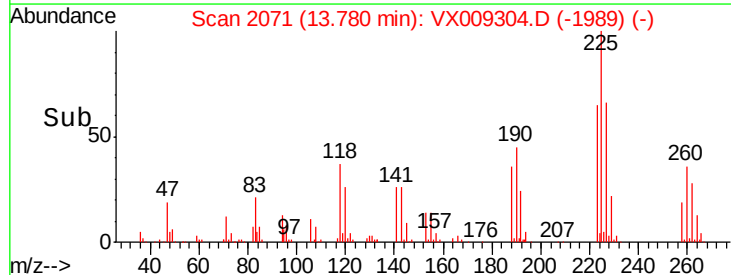
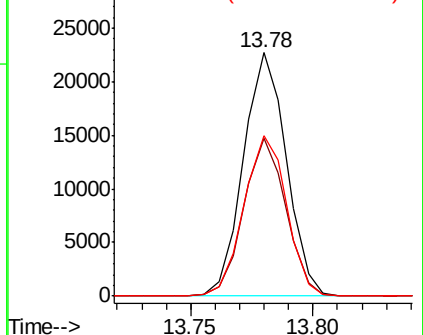


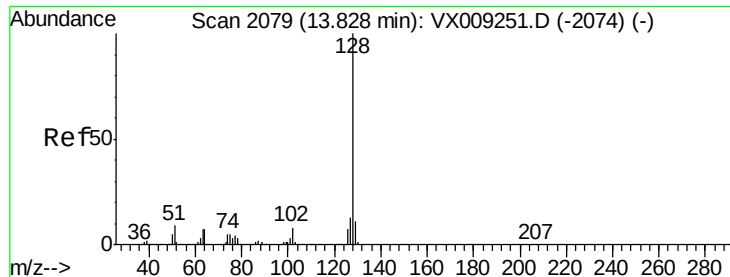
#90
Hexachlorobutadiene
Concen: 19.638 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX009304.D
Acq: 03 May 2019 11:57

Tgt Ion:225 Resp: 27653
Ion Ratio Lower Upper
225 100
223 63.7 0.0 126.6
227 65.8 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: 19.316 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

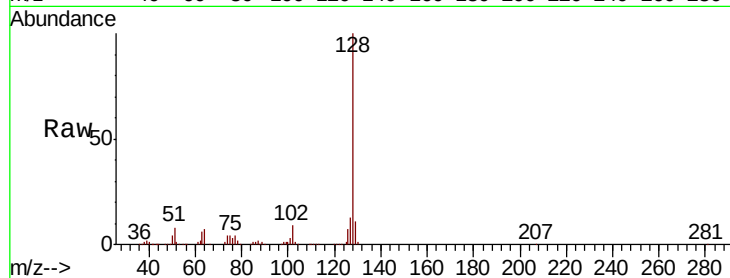
Tot Ion:128 Resp: 178284

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

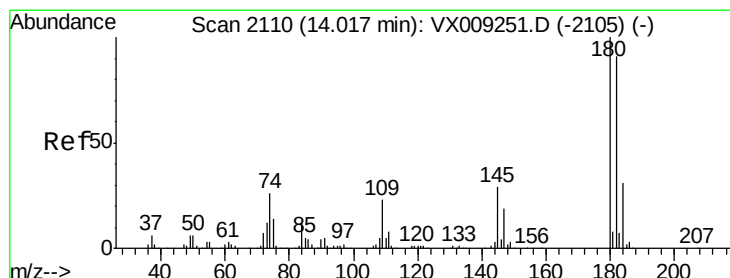
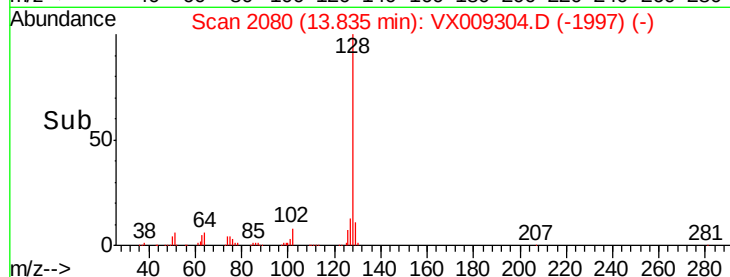
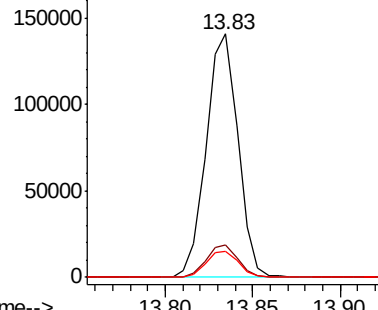
129 10.9 8.7 13.1



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: 19.851 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009304.D

Acq: 03 May 2019 11:57

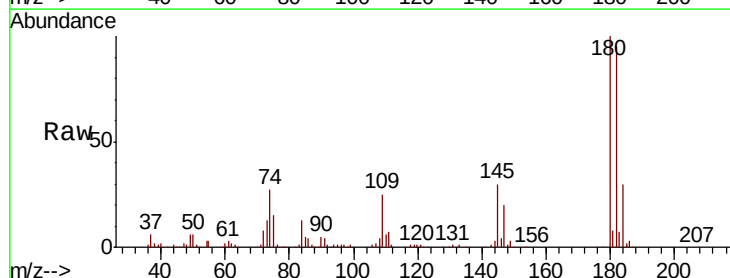
Tgt Ion:180 Resp: 56884

Ion Ratio Lower Upper

180 100

182 94.1 0.0 189.0

145 30.5 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

