

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007931.D
 Acq On : 08 Mar 2019 15:09
 Operator : JC/SP
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Quant Time: Mar 09 03:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	45169	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	243184	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	214814	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	89809	30.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.83%
60) 4-Bromofluorobenzene	11.13	95	104002	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.71	98	296517	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	49449	18.441 ug/l	98
3) Chloromethane	1.33	50	54077	18.135 ug/l	97
4) Vinyl Chloride	1.41	62	53829	18.225 ug/l	99
5) Bromomethane	1.64	94	30124	20.457 ug/l	97
6) Chloroethane	1.73	64	31051	18.001 ug/l	97
7) Trichlorofluoromethane	1.93	101	65168	17.718 ug/l	98
8) Diethyl Ether	2.19	74	35958	18.984 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50583	18.292 ug/l	98
10) 1,1-Dichloroethene	2.38	96	50207	19.156 ug/l	98
11) Methyl Iodide	2.51	142	75815	18.478 ug/l	94
12) Methyl Acetate	2.78	43	76317	18.411 ug/l	94
13) Acrolein	2.30	56	47483	97.638 ug/l	97
14) Acrylonitrile	3.15	53	170529	96.911 ug/l	100
15) Acetone	2.45	58	50522	79.525 ug/l	97
16) Carbon Disulfide	2.57	76	156328	19.010 ug/l	100
17) Allyl chloride	2.73	41	100143	18.636 ug/l	90
18) Methylene Chloride	2.86	84	55959	18.741 ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	52136	18.800 ug/l	94
20) Diisopropyl ether	3.87	45	188910	19.217 ug/l	93
21) 1,1-Dichloroethane	3.70	63	100069	18.717 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	60400	18.881 ug/l	92
23) tert-Butyl Alcohol	3.07	59	71267	100.391 ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	171068	18.983 ug/l	96
25) Chloroform	5.21	83	95392	18.903 ug/l	99
26) Cyclohexane	5.58	56	94020	19.031 ug/l	# 89
29) 1,1-Dichloropropene	5.80	75	72843	18.891 ug/l	97
30) 2-Butanone	4.70	43	243607	93.672 ug/l	97
31) 2,2-Dichloropropane	4.59	77	62719	17.610 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	78792	18.897 ug/l	99
33) Carbon Tetrachloride	5.78	117	69181	18.706 ug/l	96
34) Benzene	6.15	78	225223	19.060 ug/l	98
35) Methacrylonitrile	5.06	41	48781	19.249 ug/l	95
36) 1,2-Dichloroethane	6.20	62	73639	19.155 ug/l	99
37) Trichloroethene	7.21	130	60864	19.011 ug/l	95
38) Methylcyclohexane	7.46	83	89945	18.347 ug/l	94
39) 1,2-Dichloropropane	7.52	63	58884	19.108 ug/l	99
40) Dibromomethane	7.66	93	37311	19.087 ug/l	93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	68891	18.645	ug/l	99
42) Vinyl Acetate	3.82	43	826465	98.174	ug/l	97
43) Ethyl Acetate	4.59	43	1760	0.389	ug/l	100
44) Isopropyl Acetate	6.46	43	131905	19.084	ug/l	99
45) 1,4-Dioxane	7.75	88	29757	411.499	ug/l	93
46) Methyl methacrylate	7.77	41	71014	19.536	ug/l	92
47) n-amyl Acetate	10.90	43	112622	18.911	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	71521	17.873	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	82929	18.302	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	56594	18.994	ug/l	97
51) Ethyl methacrylate	9.18	69	86966	19.246	ug/l	94
52) 1,3-Dichloropropane	9.37	76	95575	19.413	ug/l	98
53) Dibromochloromethane	9.58	129	56791	18.530	ug/l	100
54) 1,2-Dibromoethane	9.67	107	60335	19.369	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	205765	97.907	ug/l	98
56) Bromoform	10.86	173	44802	18.327	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	447288	101.134	ug/l	99
59) 2-Hexanone	9.49	43	342373	98.068	ug/l	100
61) Tetrachloroethene	9.34	164	60710	19.374	ug/l	97
62) Toluene	8.79	91	238651	19.026	ug/l	99
64) Chlorobenzene	10.14	112	151799	18.988	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	55215	19.290	ug/l	99
66) Ethyl Benzene	10.25	91	252586	18.747	ug/l	98
67) m/p-Xylenes	10.36	106	195600	37.861	ug/l	98
68) o-Xylene	10.69	106	95382	19.013	ug/l	96
69) Styrene	10.71	104	155620	18.827	ug/l	99
70) Isopropylbenzene	11.02	105	254920	19.017	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	85744	19.368	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	98197	23.531	ug/l	90
73) Bromobenzene	11.26	156	68525	19.228	ug/l	97
74) n-propylbenzene	11.36	91	283434	18.745	ug/l	99
75) 2-Chlorotoluene	11.42	91	172338	19.015	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	209742	18.880	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22448	17.410	ug/l	96
78) 4-Chlorotoluene	11.51	91	193031	18.838	ug/l	97
79) tert-butylbenzene	12.06	119	222687	18.679	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	212656	18.860	ug/l	97
81) sec-Butylbenzene	11.94	105	247369	18.525	ug/l	100
82) p-Isopropyltoluene	12.06	119	222687	18.679	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	118541	18.683	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	117001	18.430	ug/l	98
85) n-Butylbenzene	12.38	91	182193	17.870	ug/l	99
86) Hexachloroethane	12.60	117	34910	17.972	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	119202	19.010	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17250	19.075	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	82152	18.230	ug/l	99
90) Hexachlorobutadiene	13.78	225	44522	17.913	ug/l	99
91) Naphthalene	13.83	128	243454	18.846	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	82769	18.478	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Time: Mar 09 03:29:02 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration

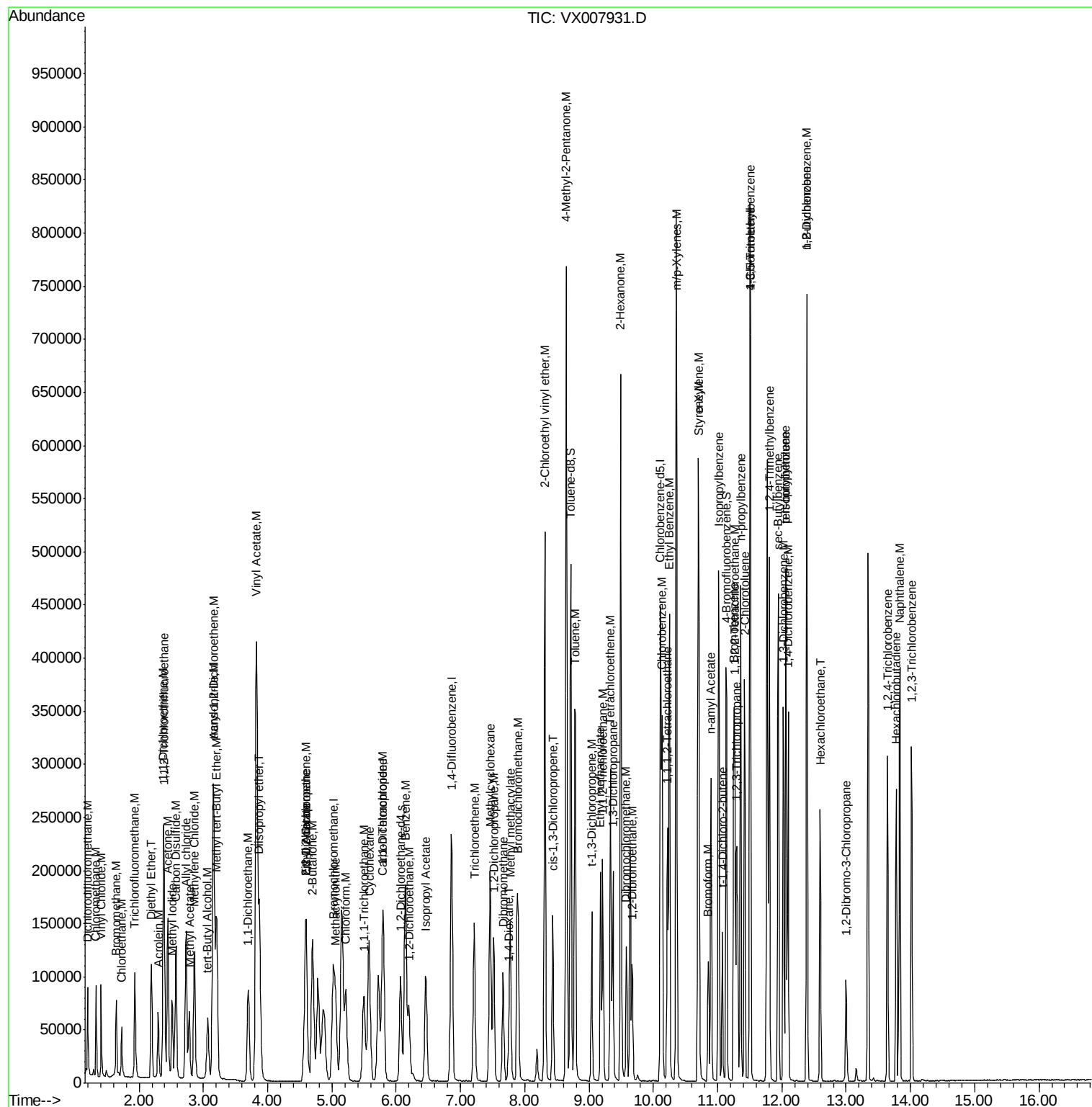
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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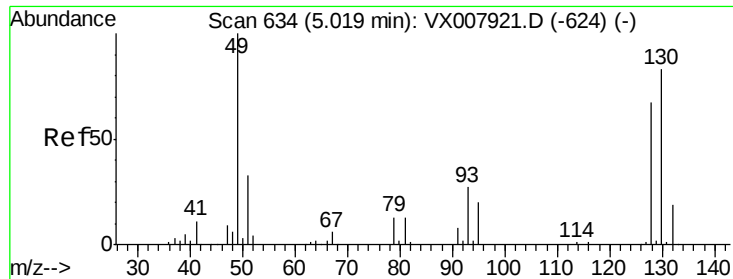
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX007931.D
 Acq On : 08 Mar 2019 15:09
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Instrument :
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 ClientSampleId :
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Quant Time: Mar 09 03:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

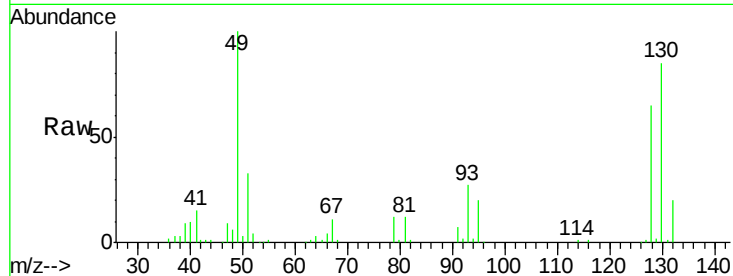
Tot Ion:128 Resp: 45169

Ion Ratio Lower Upper

128 100

49 157.6 0.0 350.8

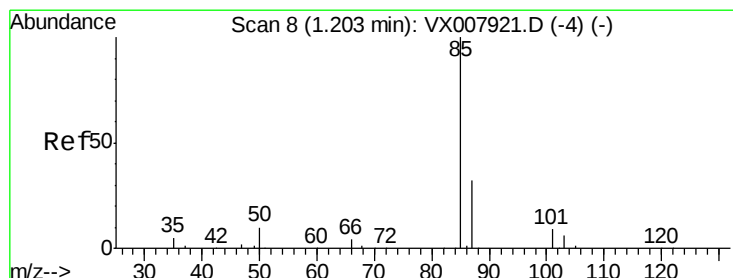
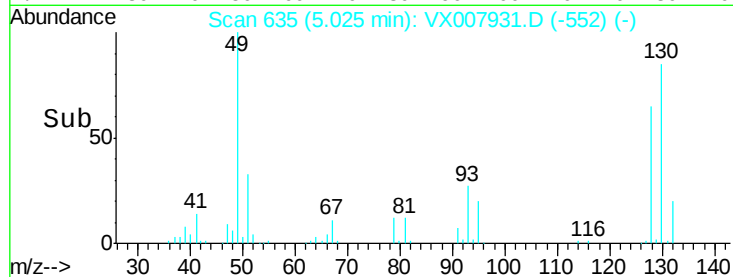
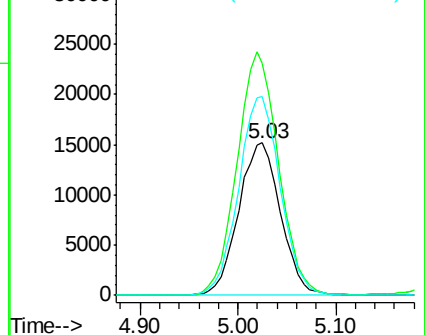
130 130.0 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.441 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007931.D

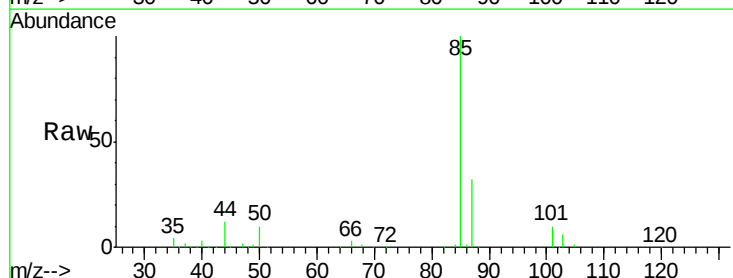
Acq: 08 Mar 2019 15:09

Tgt Ion: 85 Resp: 49449

Ion Ratio Lower Upper

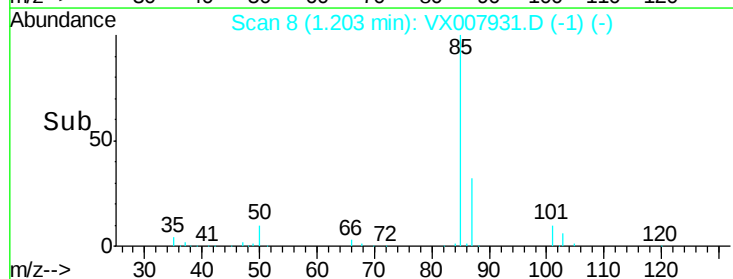
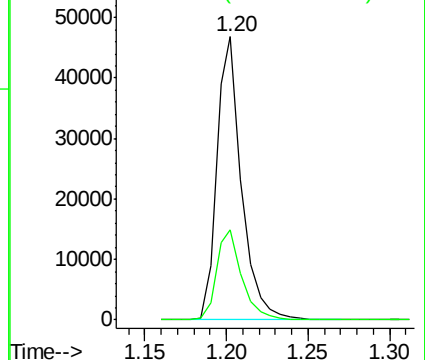
85 100

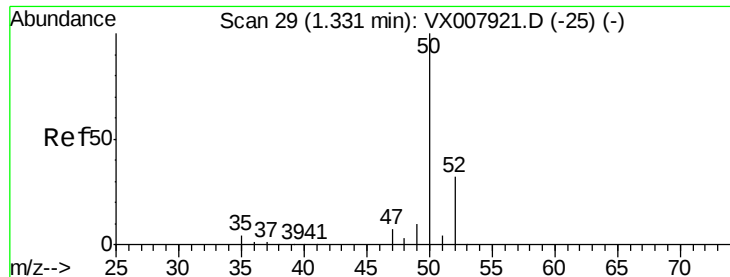
87 31.8 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.135 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

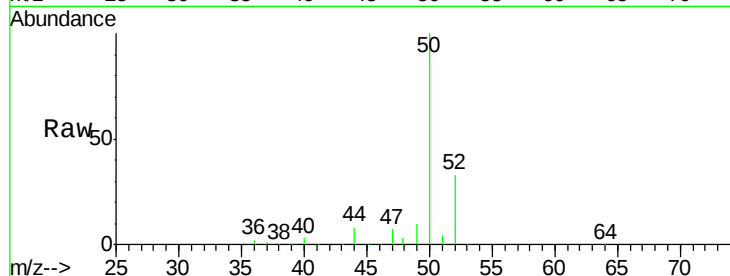
VX0308WBSD01

Tot Ion: 50 Resp: 54077

Ion Ratio Lower Upper

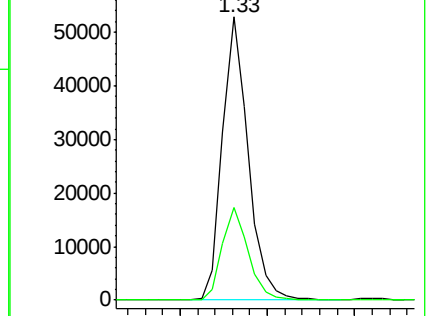
50 100

52 32.7 27.5 41.3

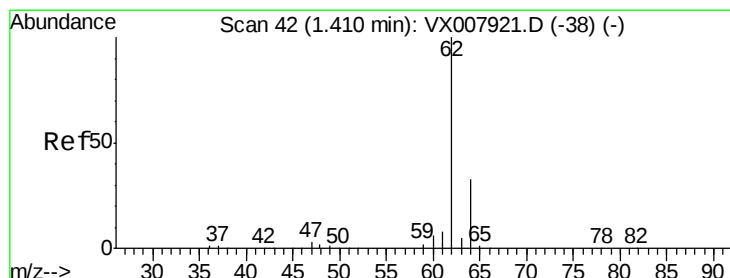
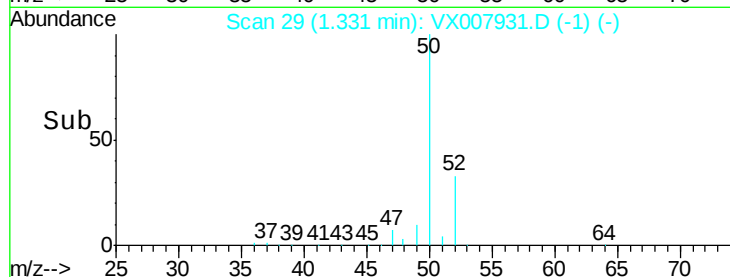


Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#4

Vinyl Chloride

Concen: 18.225 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007931.D

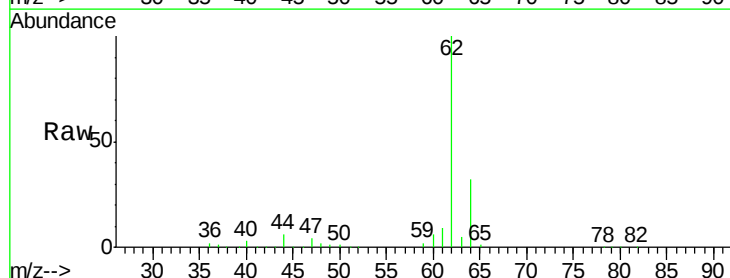
Acq: 08 Mar 2019 15:09

Tgt Ion: 62 Resp: 53829

Ion Ratio Lower Upper

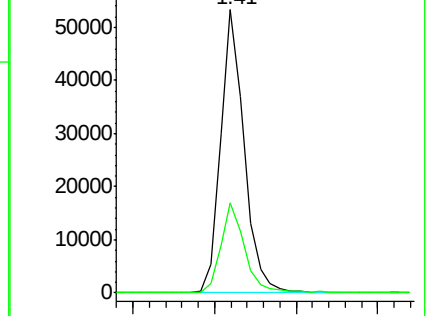
62 100

64 31.6 25.9 38.9

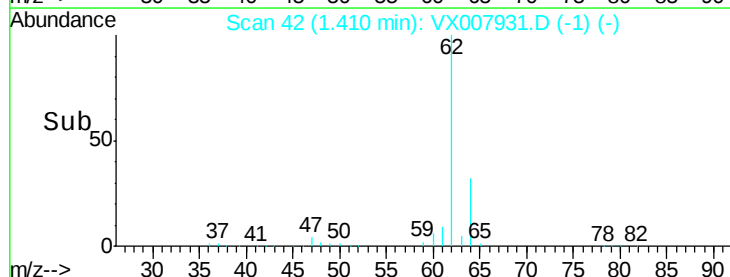


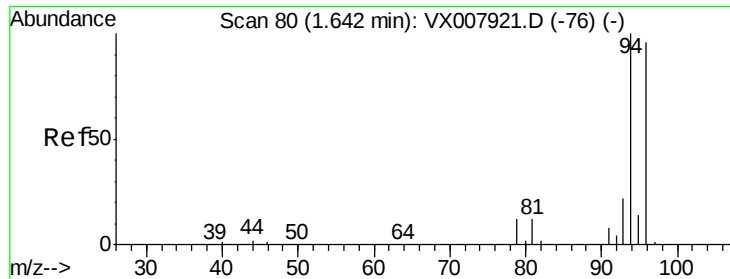
Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



Time-->

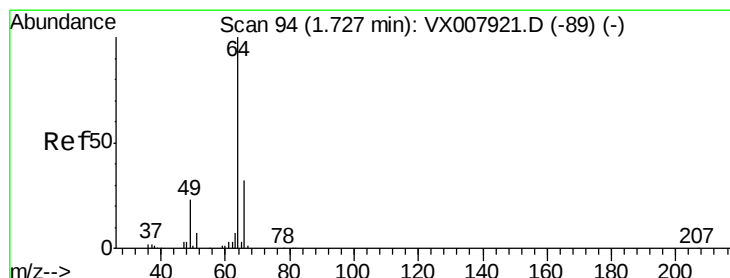
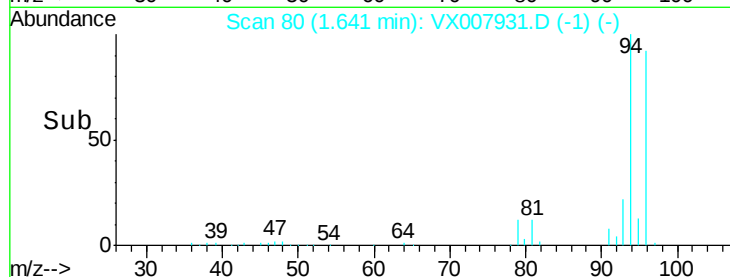
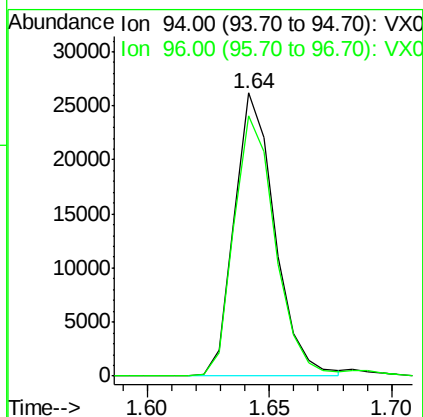
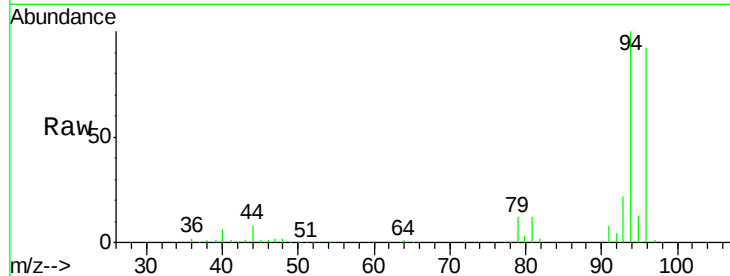




#5
Bromomethane
Concen: 20.457 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

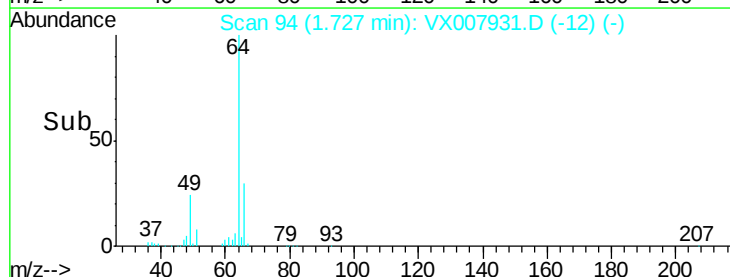
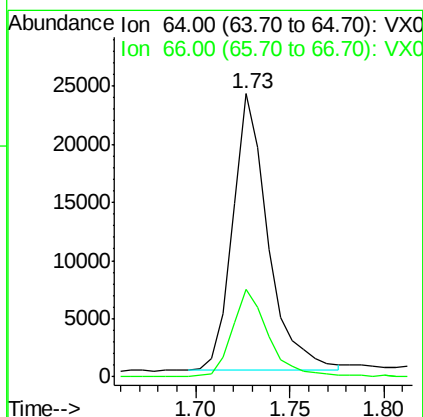
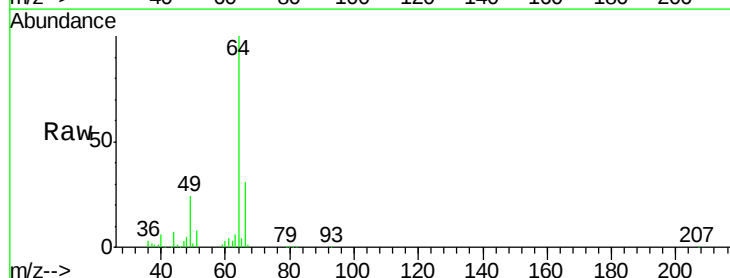
Instrument :
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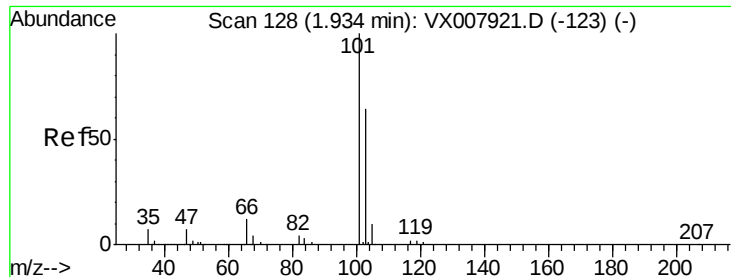
Tot Ion: 94 Resp: 30124
Ion Ratio Lower Upper
94 100
96 91.9 75.6 113.4



#6
Chloroethane
Concen: 18.001 ug/l
RT: 1.73 min Scan# 94
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 64 Resp: 31051
Ion Ratio Lower Upper
64 100
66 31.3 23.9 35.9



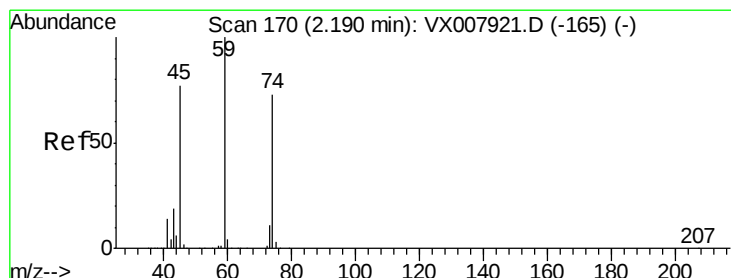
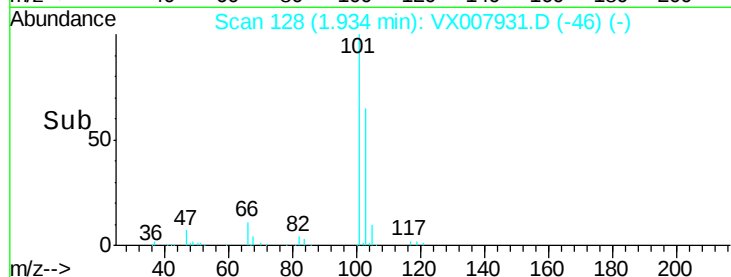
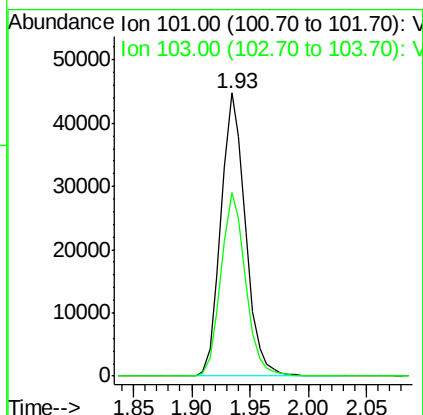
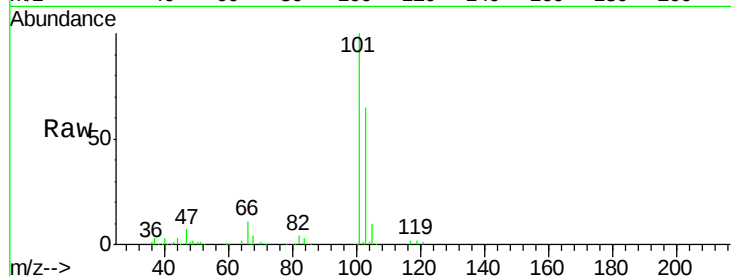


#7

Trichlorofluoromethane
 Concen: 17.718 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

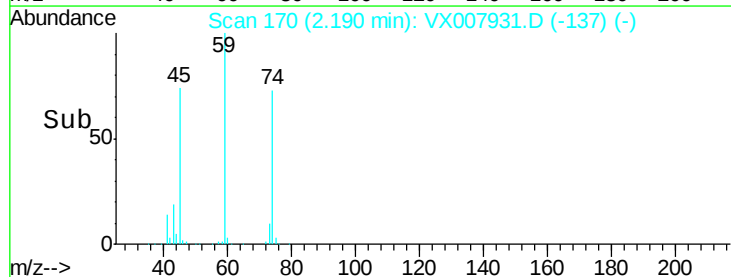
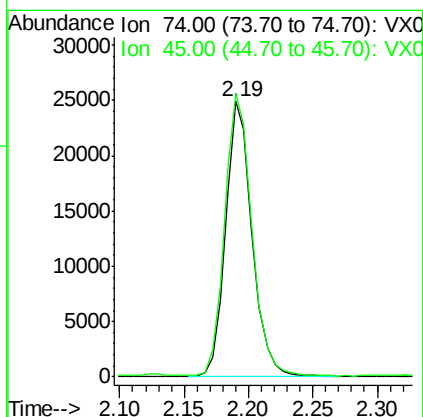
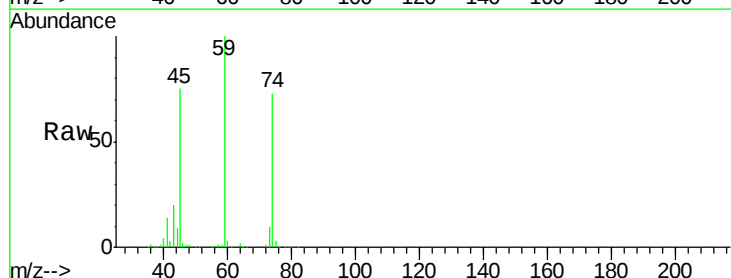
Tot Ion:101 Resp: 65168
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6

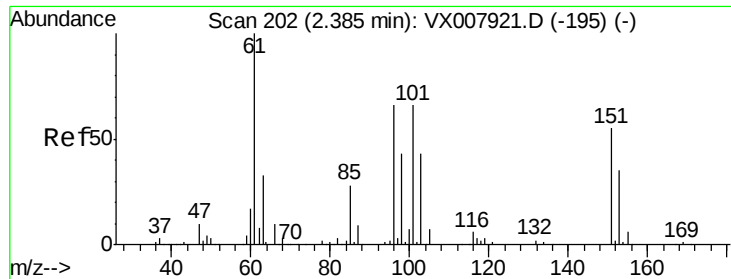


#8

Diethyl Ether
 Concen: 18.984 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 74 Resp: 35958
 Ion Ratio Lower Upper
 74 100
 45 105.3 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.292 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

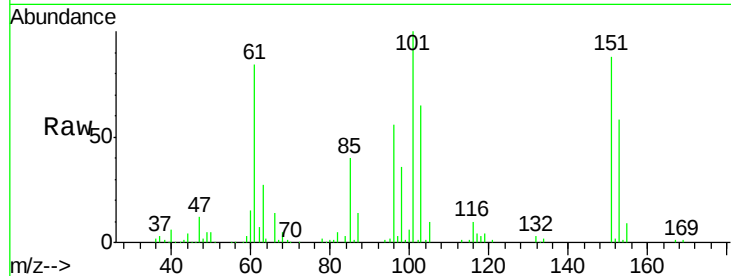
Tot Ion:101 Resp: 50583

Ion Ratio Lower Upper

101 100

85 43.3 0.0 86.8

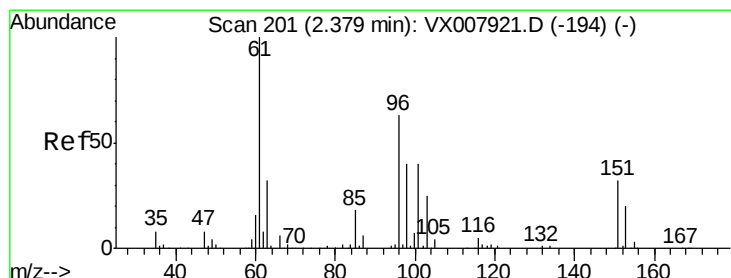
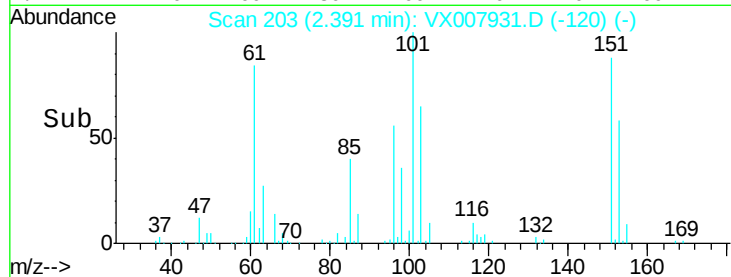
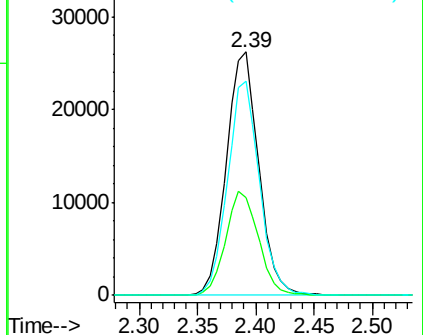
151 87.1 0.0 169.2



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: 19.156 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

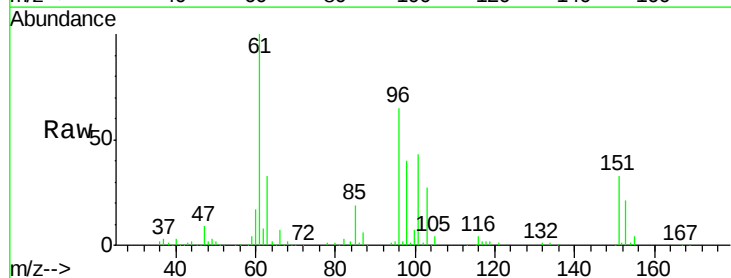
Tgt Ion: 96 Resp: 50207

Ion Ratio Lower Upper

96 100

61 154.2 120.2 180.2

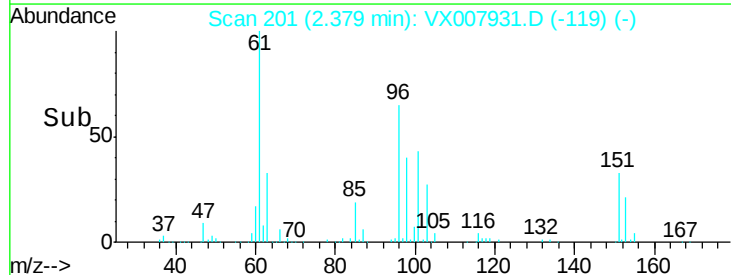
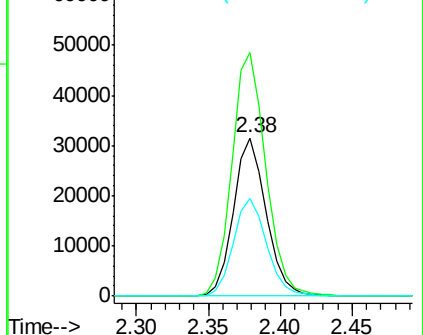
98 61.9 49.0 73.4

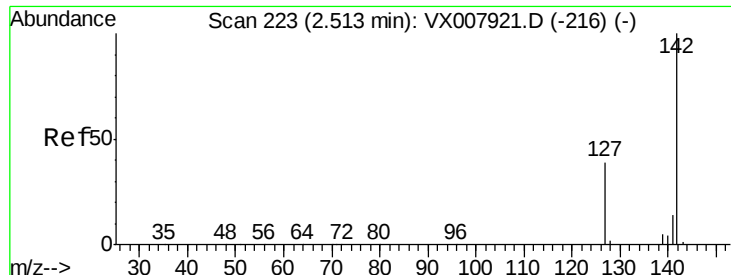


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

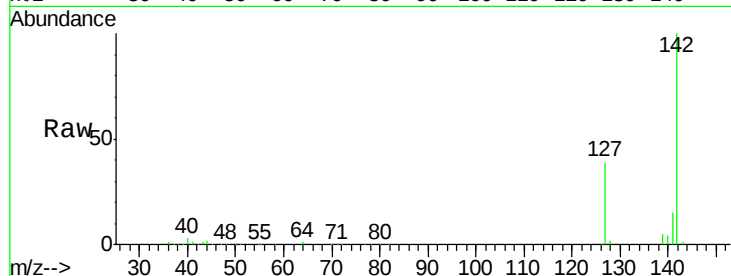




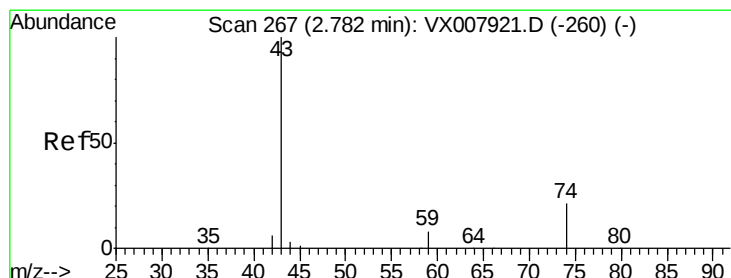
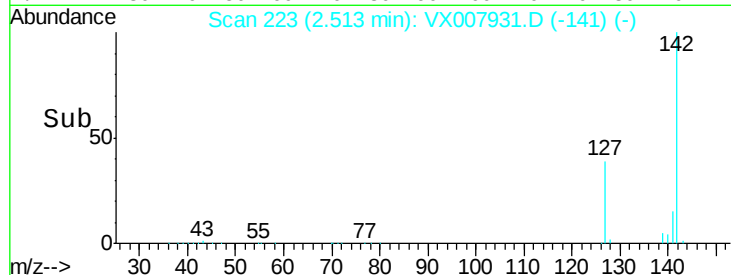
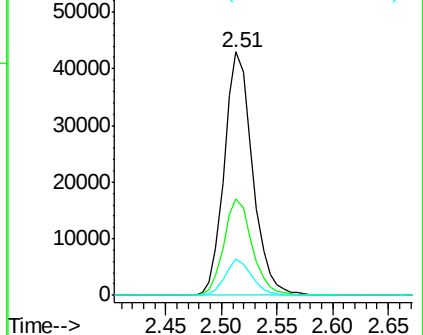
#11
Methvl Iodide
Concen: 18.478 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:142 Resp: 75815
Ion Ratio Lower Upper
142 100
127 39.5 22.1 66.5
141 15.1 7.4 22.3

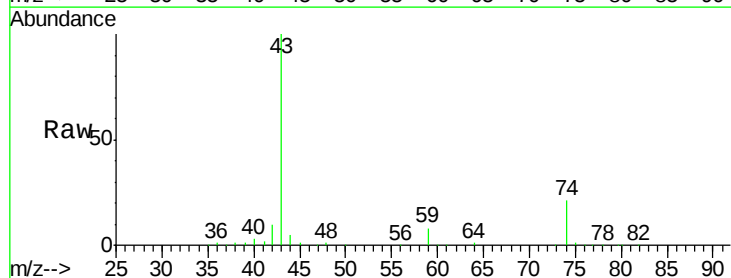


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

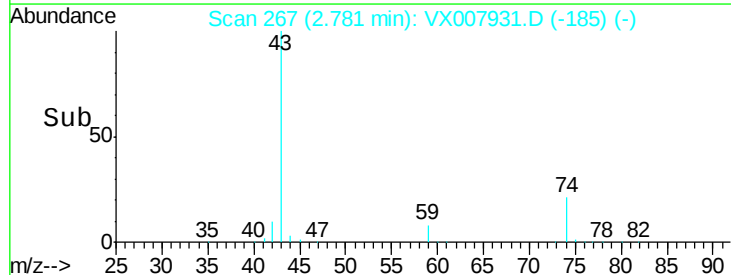
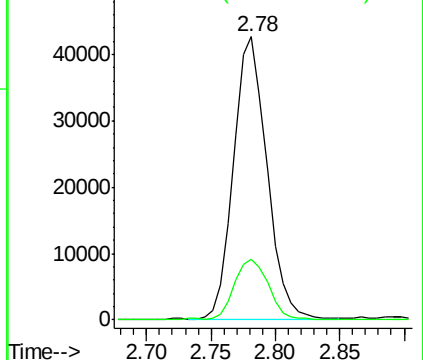


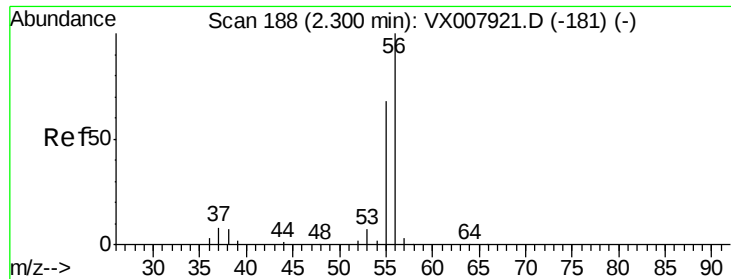
#12
Methyl Acetate
Concen: 18.411 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 43 Resp: 76317
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 97.638 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

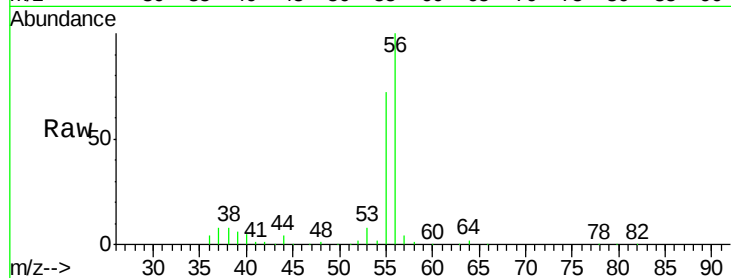
VX0308WBSD01

Tot Ion: 56 Resp: 47483

Ion Ratio Lower Upper

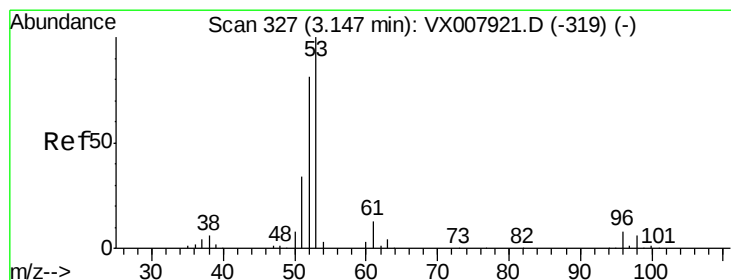
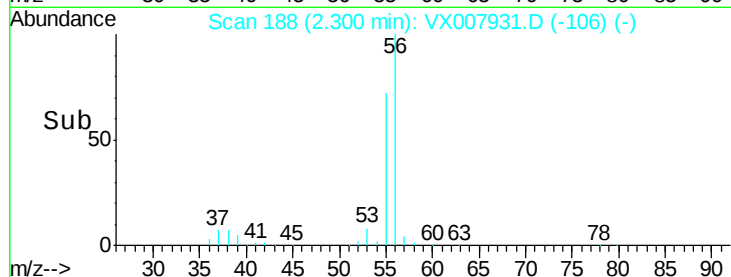
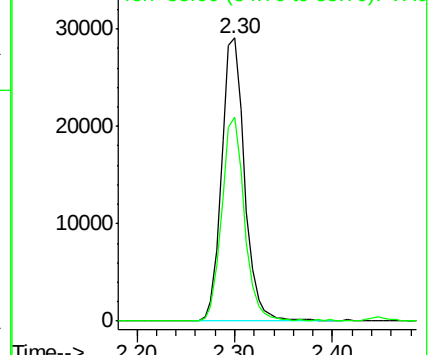
56 100

55 70.9 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 96.911 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

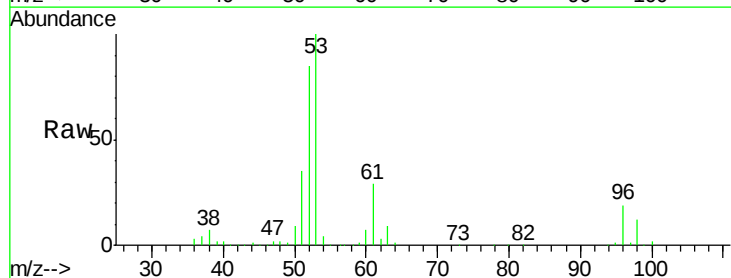
Tgt Ion: 53 Resp: 170529

Ion Ratio Lower Upper

53 100

52 82.8 41.3 124.1

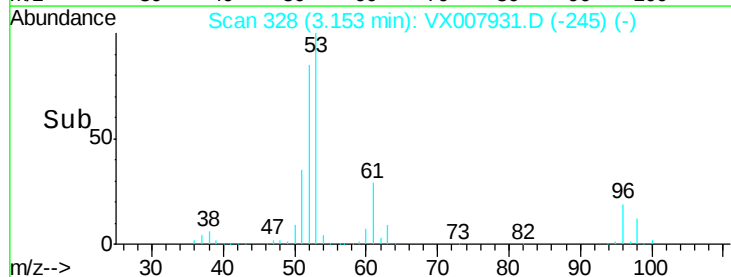
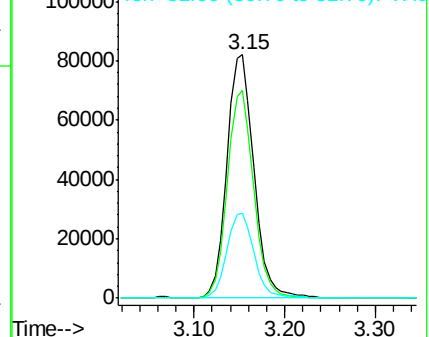
51 34.5 17.5 52.6

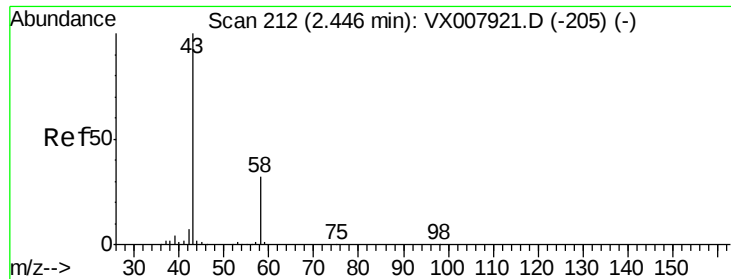


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 79.525 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

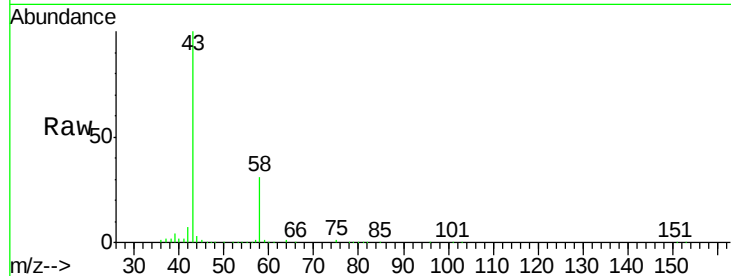
VX0308WBSD01

Tot Ion: 58 Resp: 50522

Ion Ratio Lower Upper

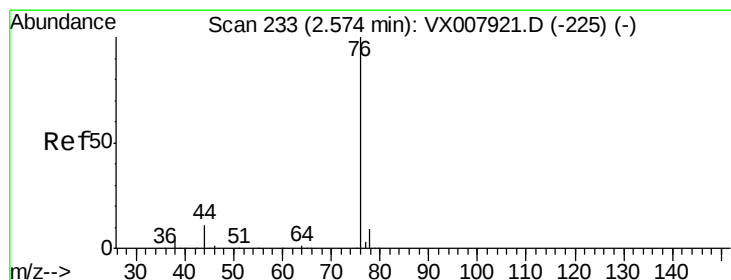
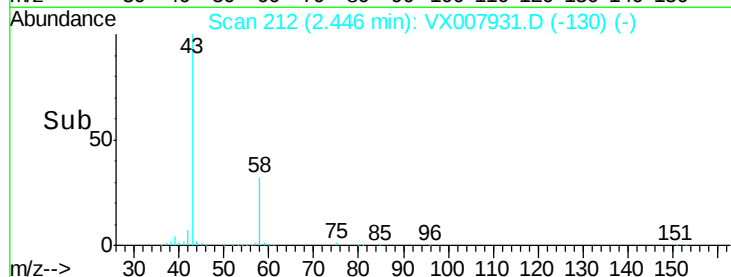
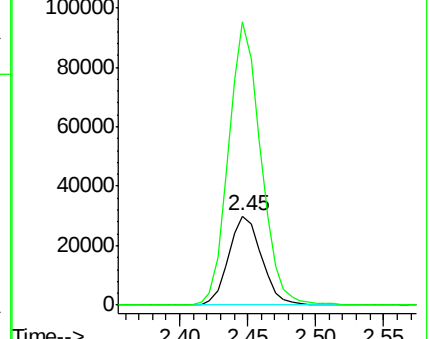
58 100

43 318.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.010 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007931.D

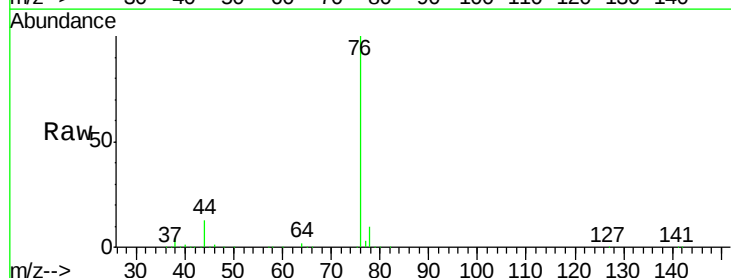
Acq: 08 Mar 2019 15:09

Tgt Ion: 76 Resp: 156328

Ion Ratio Lower Upper

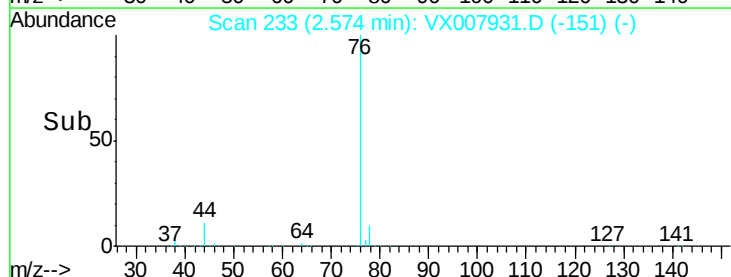
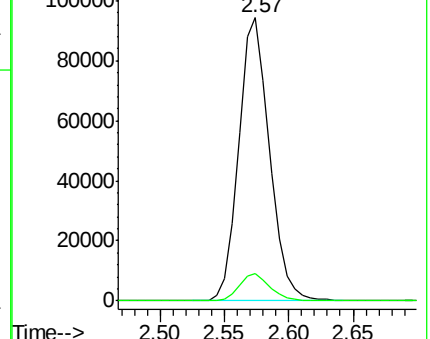
76 100

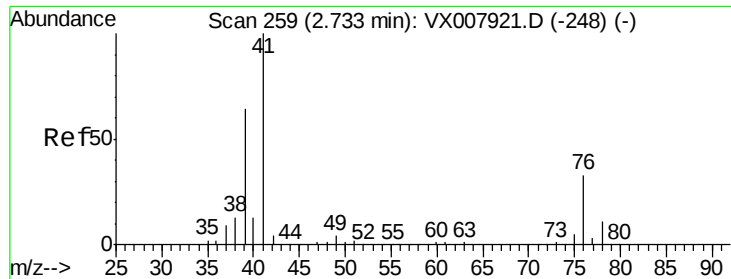
78 9.5 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

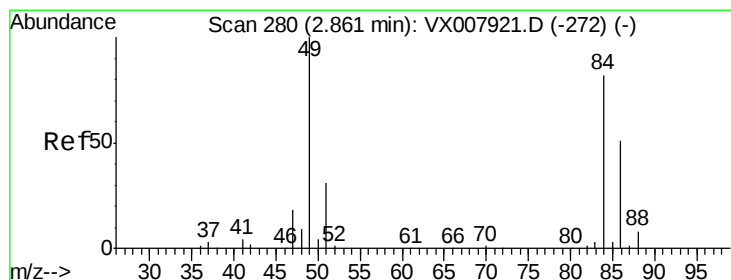
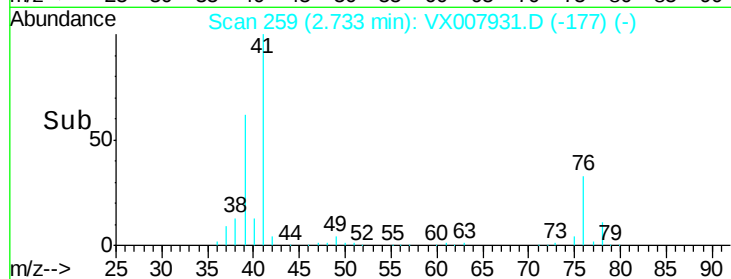
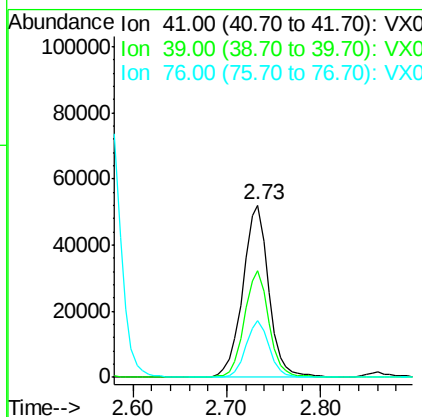
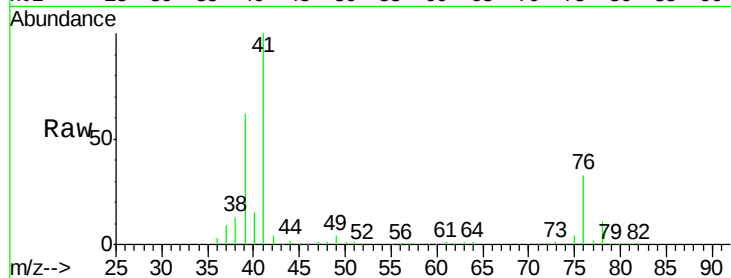




#17
Allvl chloride
Concen: 18.636 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

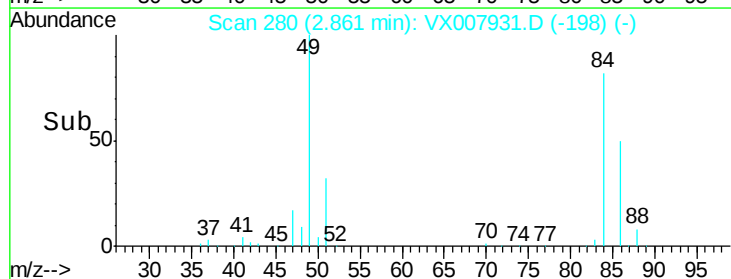
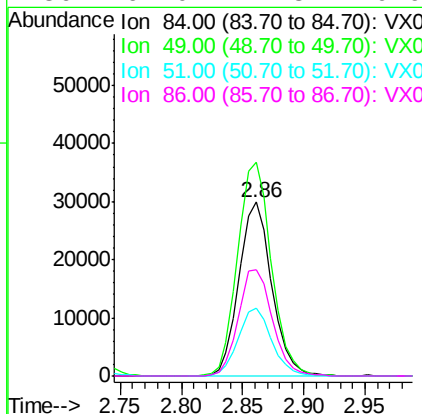
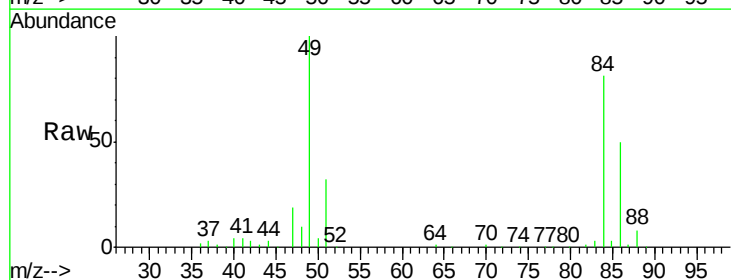
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

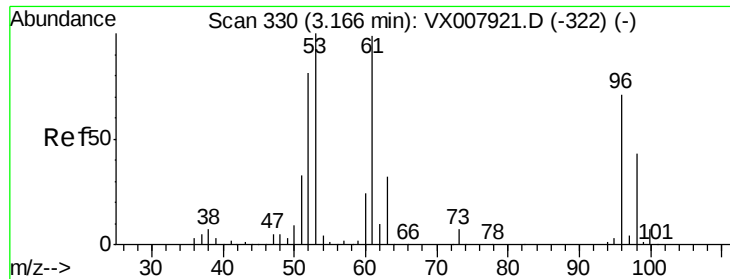
Tot Ion: 41 Resp: 100143
Ion Ratio Lower Upper
41 100
39 61.8 35.8 107.4
76 32.7 18.3 54.9



#18
Methylene Chloride
Concen: 18.741 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 84 Resp: 55959
Ion Ratio Lower Upper
84 100
49 123.0 96.1 144.1
51 39.0 29.1 43.7
86 61.0 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.800 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

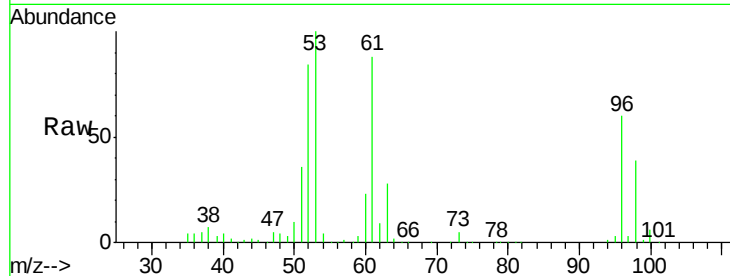
Tot Ion: 96 Resp: 52136

Ion Ratio Lower Upper

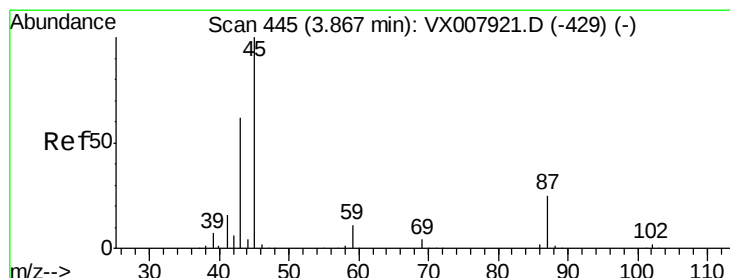
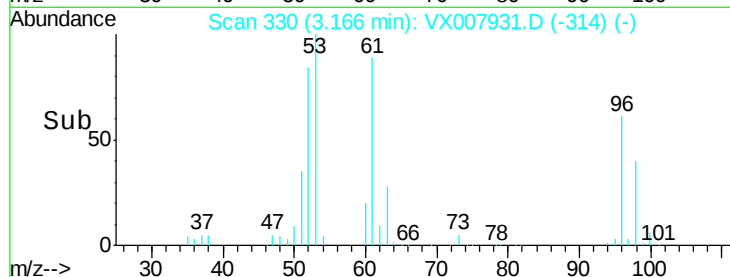
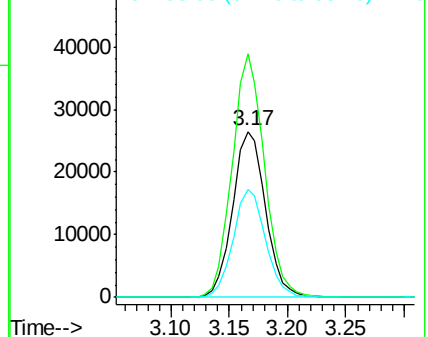
96 100

61 146.7 109.9 164.9

98 65.2 50.4 75.6



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: 19.217 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion: 45 Resp: 188910

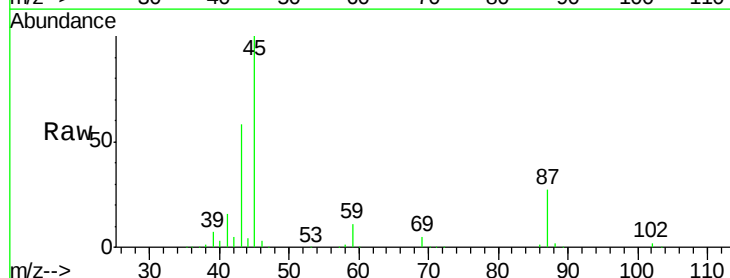
Ion Ratio Lower Upper

45 100

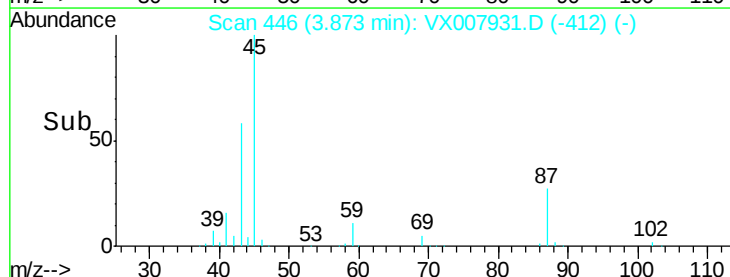
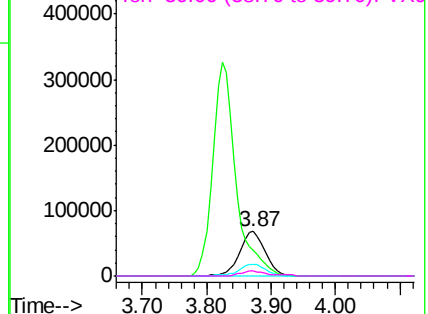
43 57.5 50.6 76.0

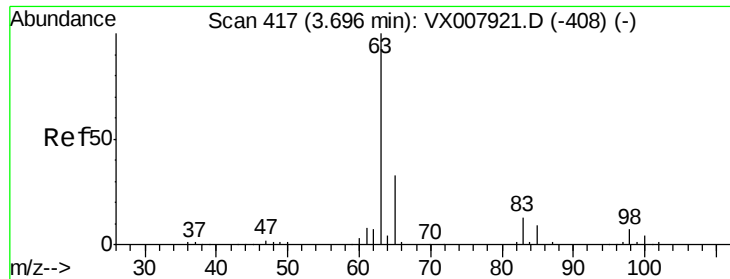
87 26.8 24.5 36.7

59 11.1 10.2 15.2



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: 18.717 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

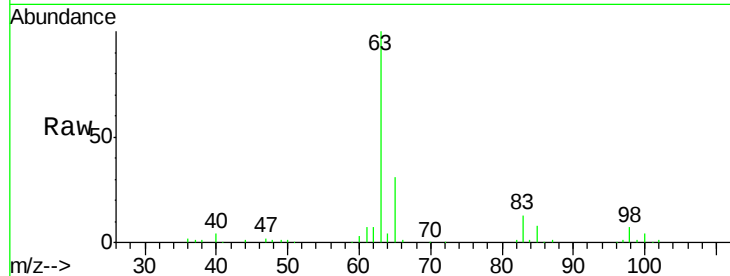
Tot Ion: 63 Resp: 100069

Ion Ratio Lower Upper

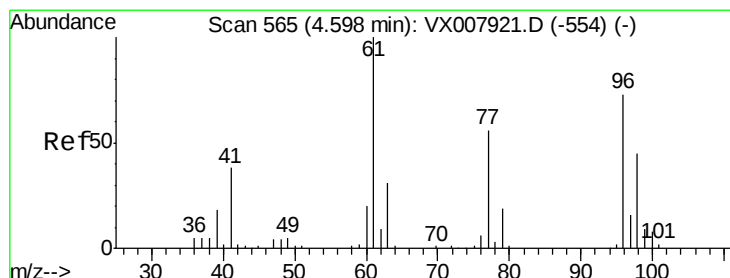
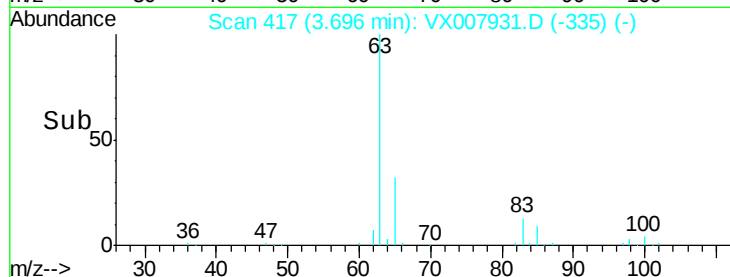
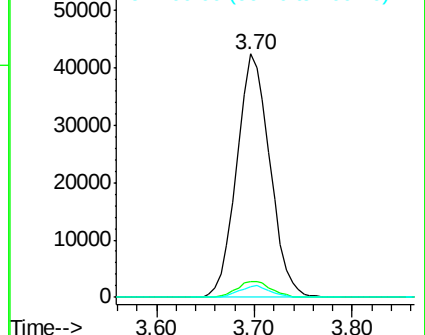
63 100

98 6.7 3.8 11.4

100 4.1 2.4 7.1



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: 18.881 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

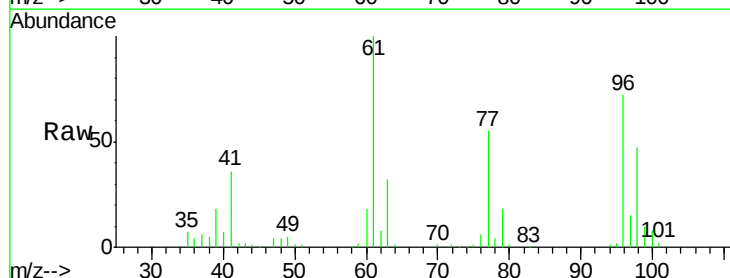
Tgt Ion: 96 Resp: 60400

Ion Ratio Lower Upper

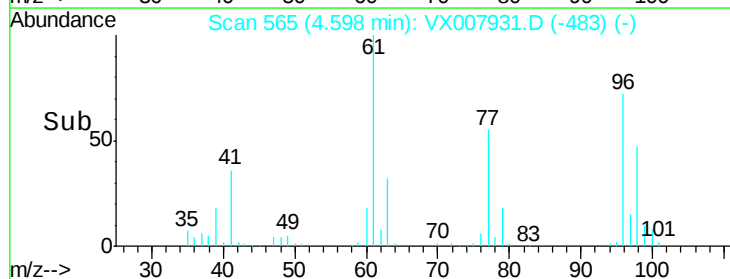
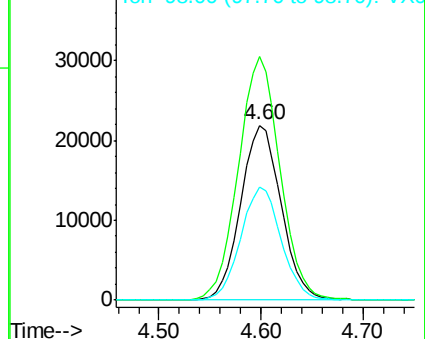
96 100

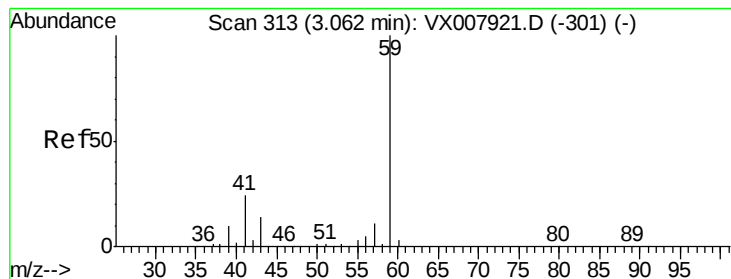
61 143.6 103.5 155.3

98 64.8 52.1 78.1



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



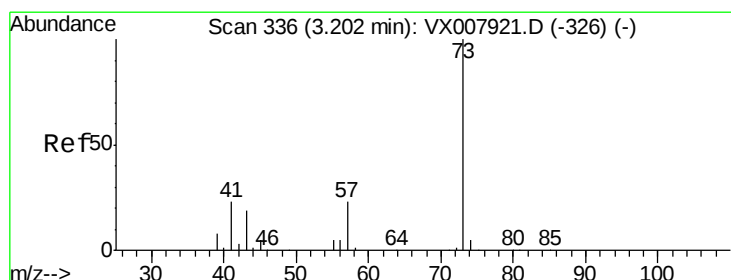
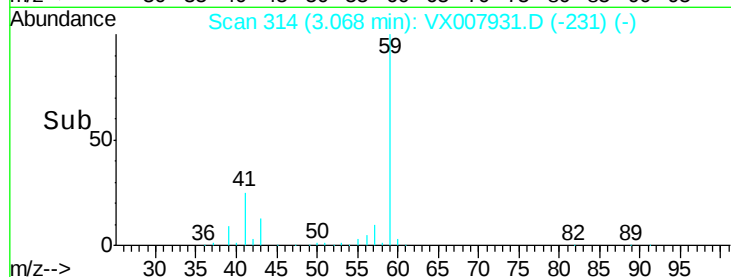
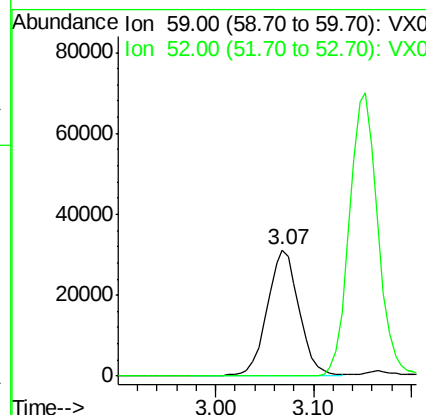
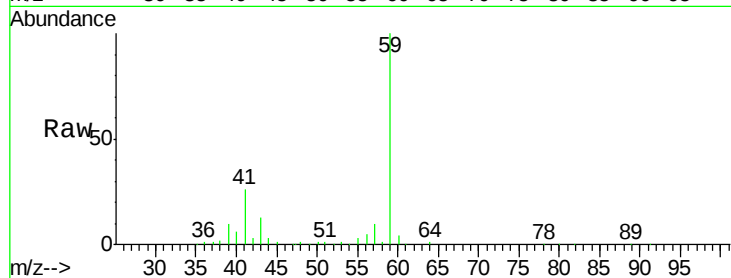


#23

tert-Butyl Alcohol
 Concen: 100.391 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

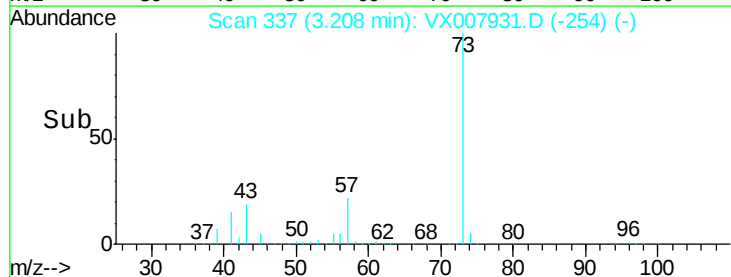
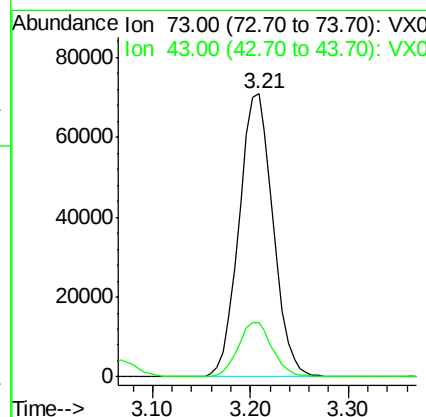
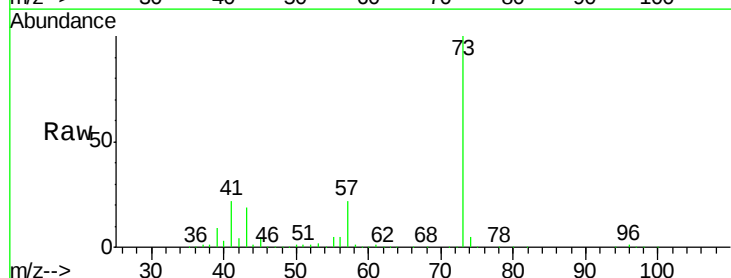
Tot Ion: 59 Resp: 71267
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

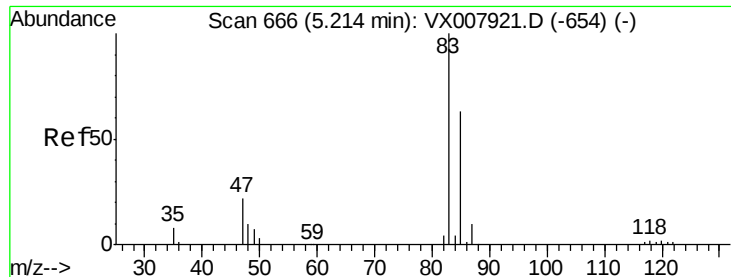


#24

Methyl tert-Butyl Ether
 Concen: 18.983 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 73 Resp: 171068
 Ion Ratio Lower Upper
 73 100
 43 19.3 17.1 25.7

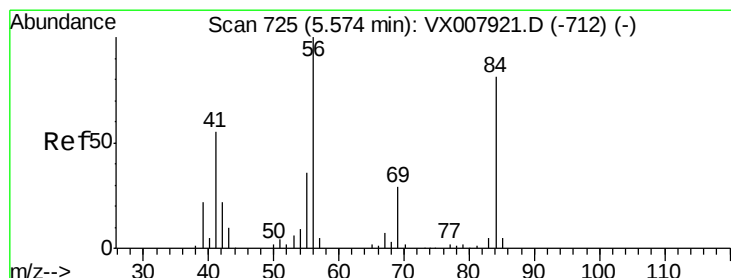
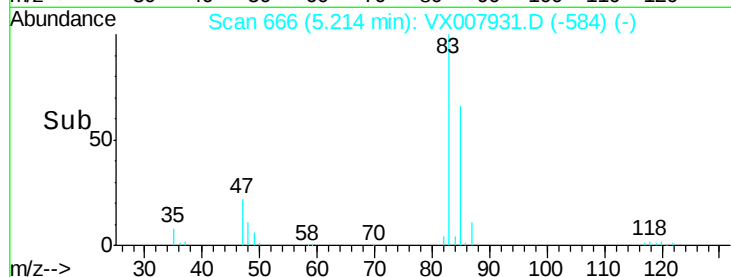
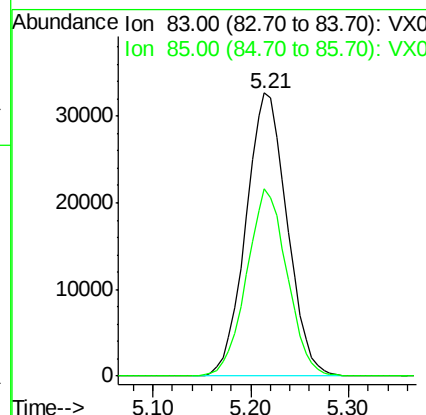
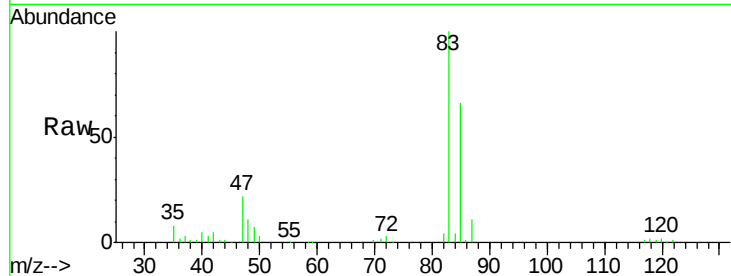




#25
Chloroform
Concen: 18.903 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

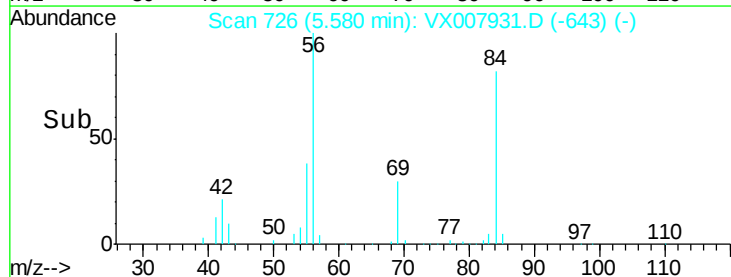
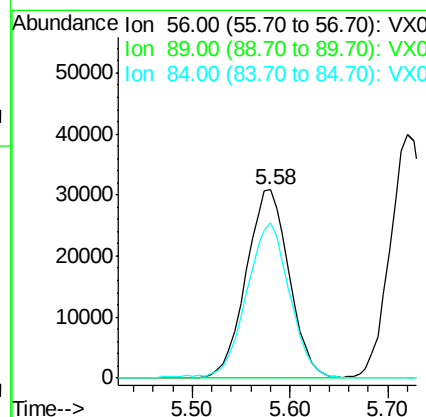
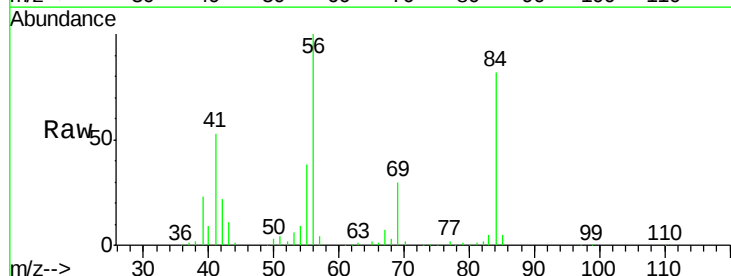
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

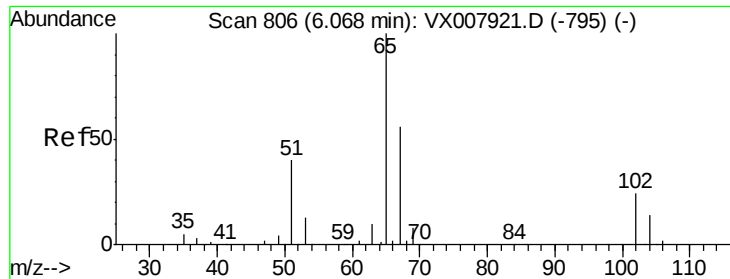
Tot Ion: 83 Resp: 95392
Ion Ratio Lower Upper
83 100
85 66.4 53.8 80.6



#26
Cyclohexane
Concen: 19.031 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 56 Resp: 94020
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.1 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.250 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

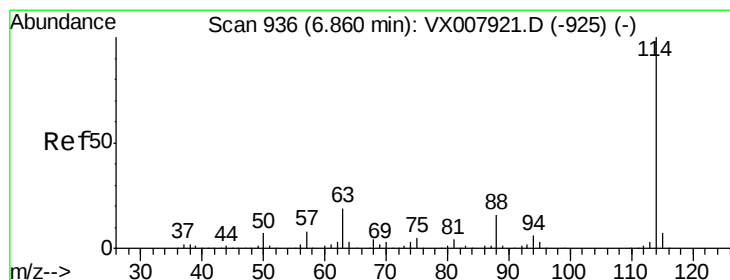
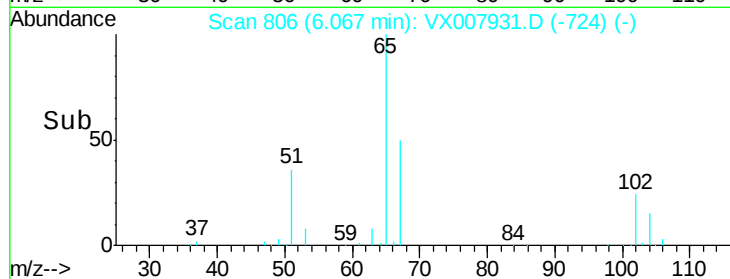
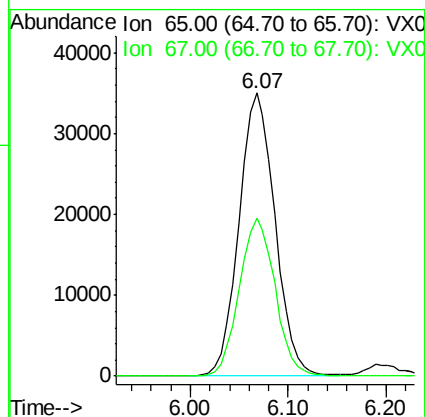
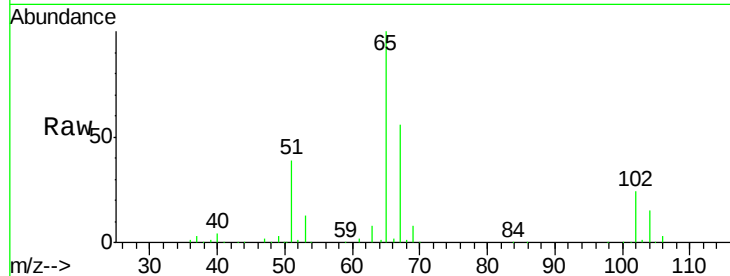
VX0308WBSD01

Tot Ion: 65 Resp: 89809

Ion Ratio Lower Upper

65 100

67 55.3 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

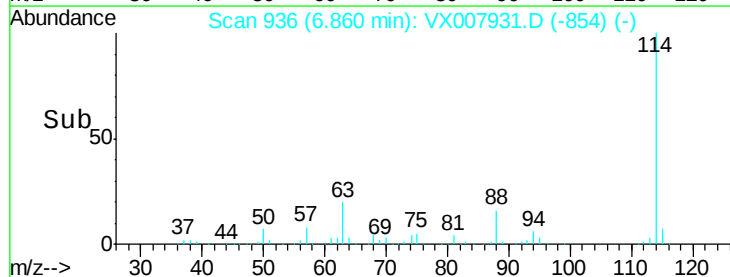
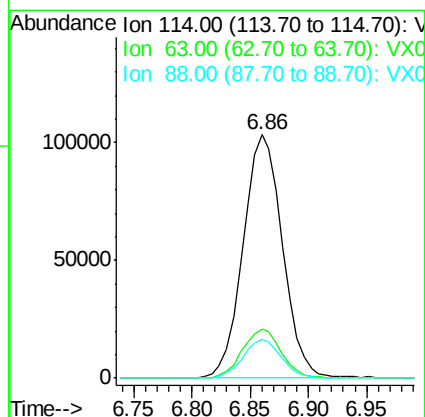
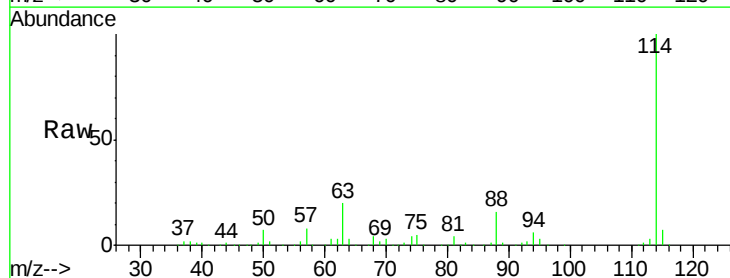
Tgt Ion: 114 Resp: 243184

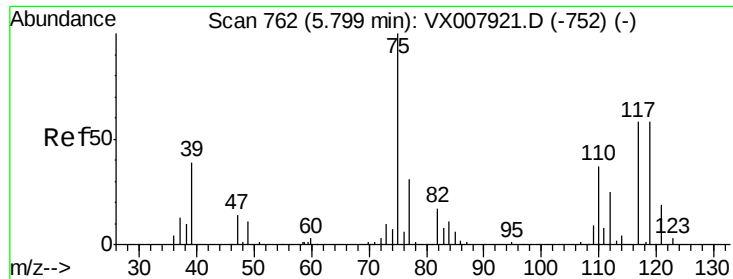
Ion Ratio Lower Upper

114 100

63 20.0 14.2 21.4

88 15.5 11.9 17.9

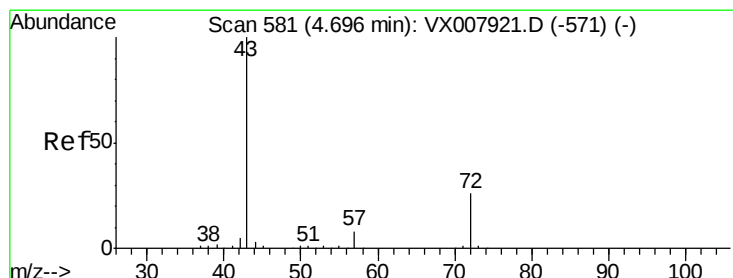
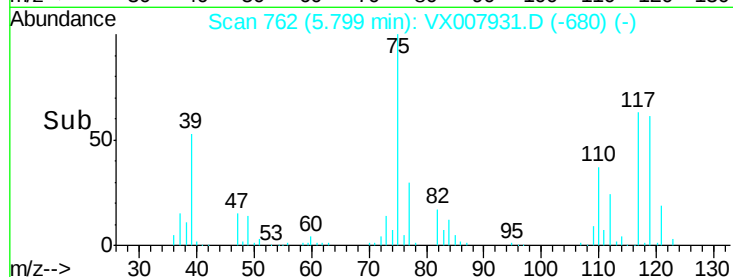
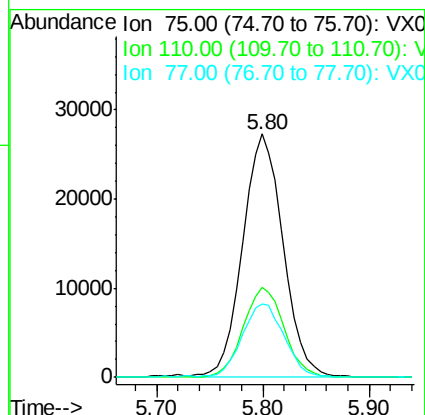
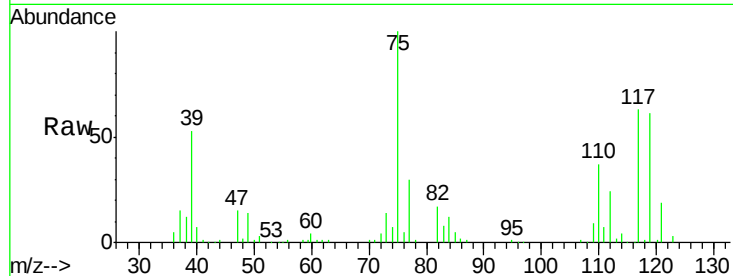




#29
 1,1-Dichloropropene
 Concen: 18.891 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

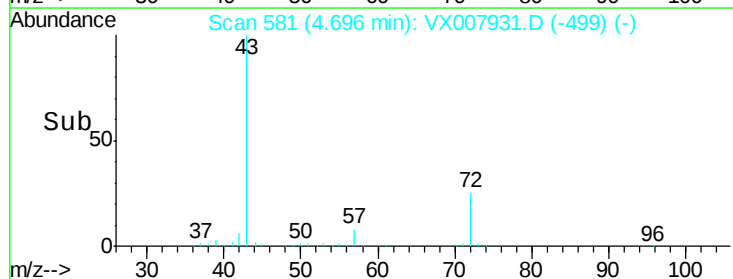
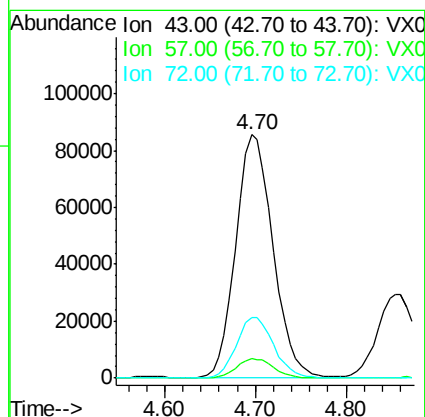
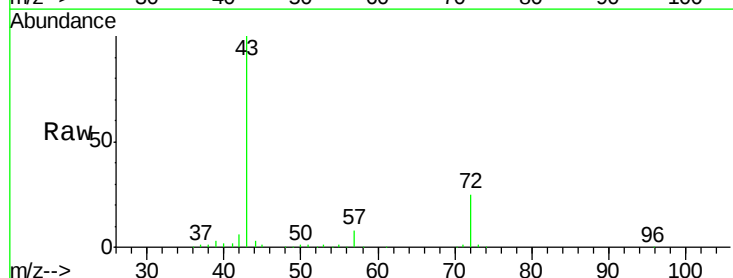
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

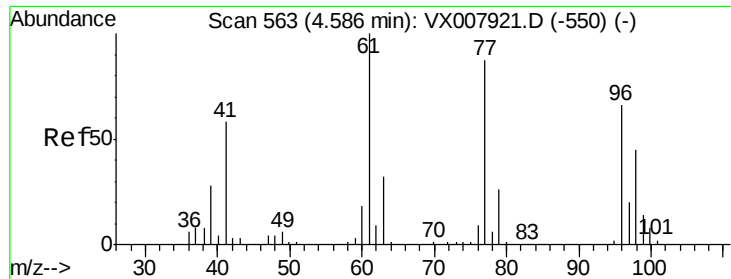
Tot Ion: 75 Resp: 72843
 Ion Ratio Lower Upper
 75 100
 110 37.5 0.0 80.8
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 93.672 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 43 Resp: 243607
 Ion Ratio Lower Upper
 43 100
 57 8.0 7.0 10.6
 72 25.2 21.5 32.3

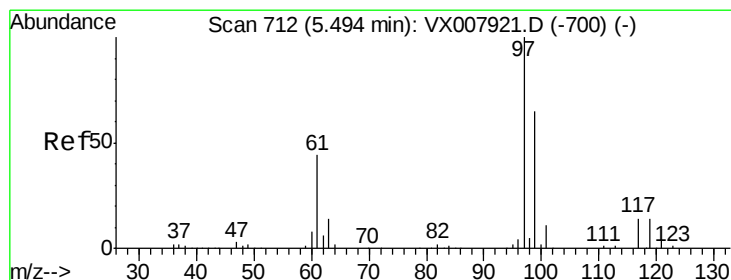
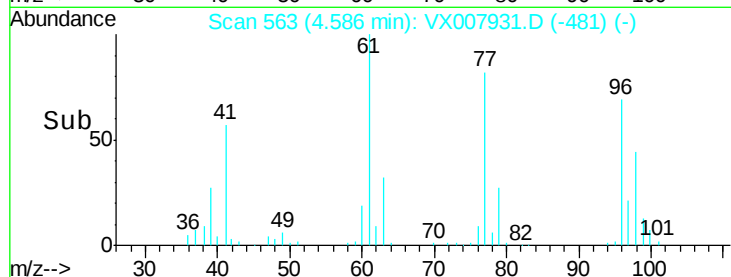
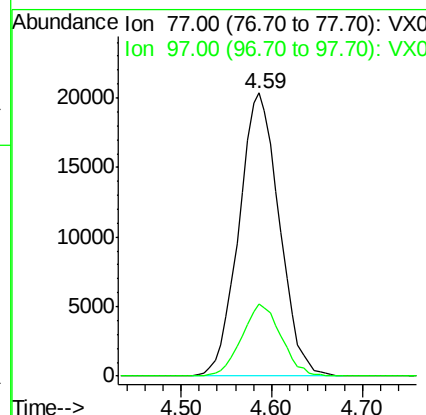
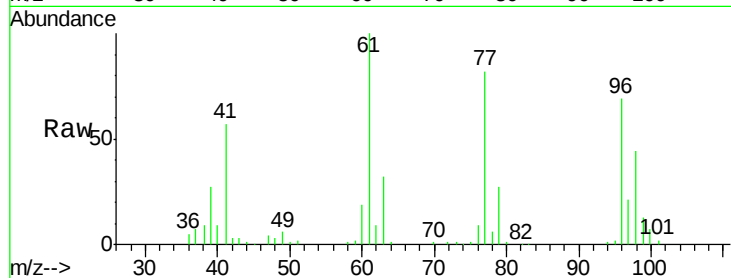




#31
 2,2-Dichloropropane
 Concen: 17.610 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

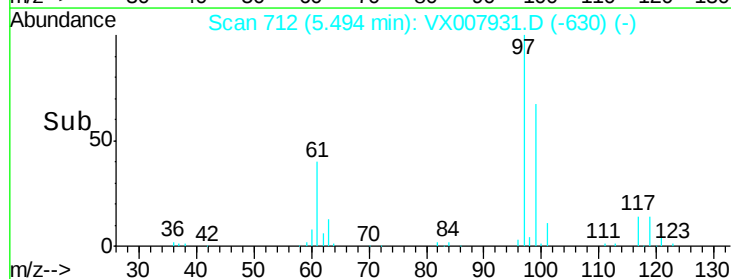
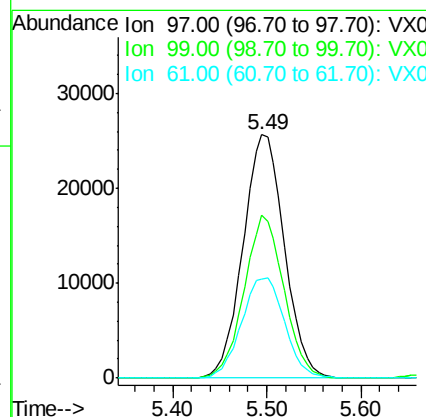
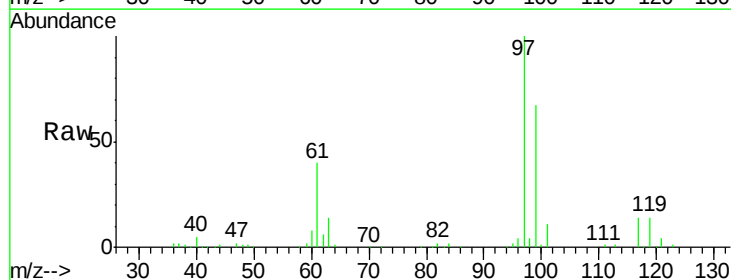
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

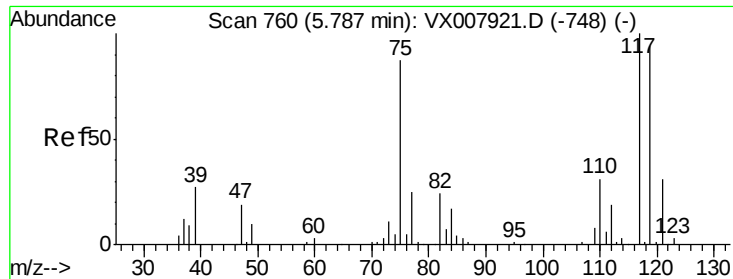
Tot Ion: 77 Resp: 62719
 Ion Ratio Lower Upper
 77 100
 97 24.7 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 18.897 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 97 Resp: 78792
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 42.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.706 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

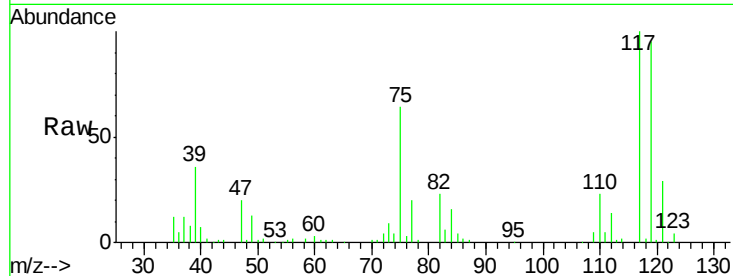
Tot Ion:117 Resp: 69181

Ion Ratio Lower Upper

117 100

119 95.5 78.1 117.1

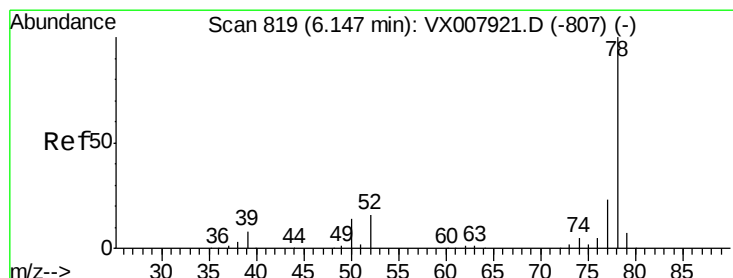
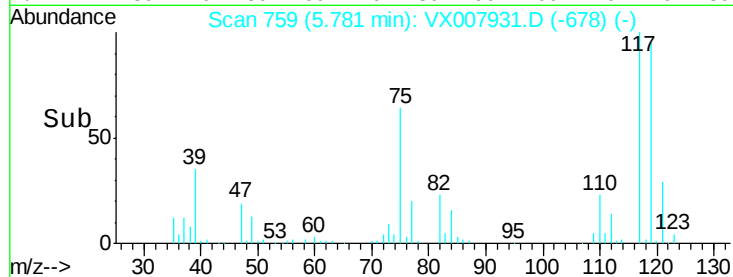
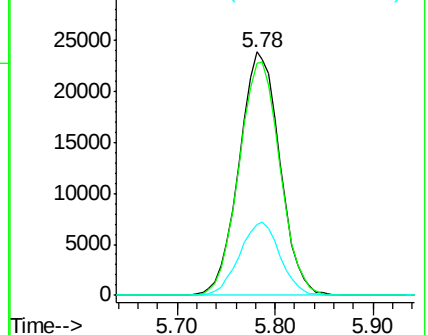
121 29.3 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.060 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

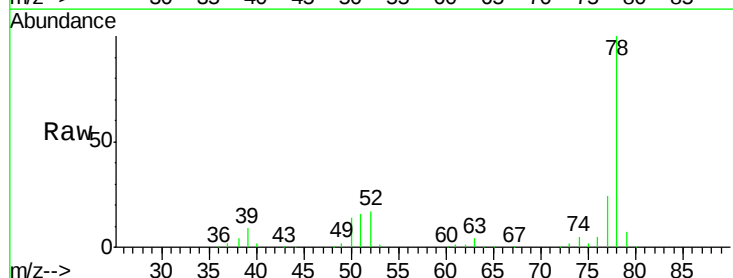
Tgt Ion: 78 Resp: 225223

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

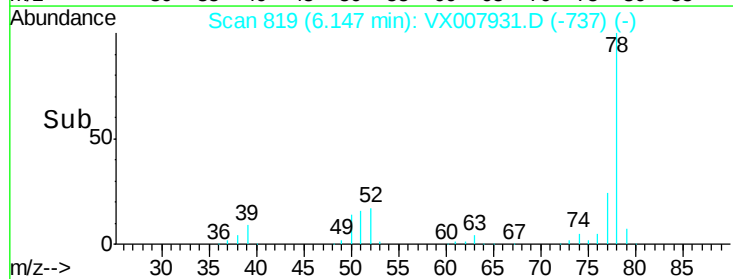
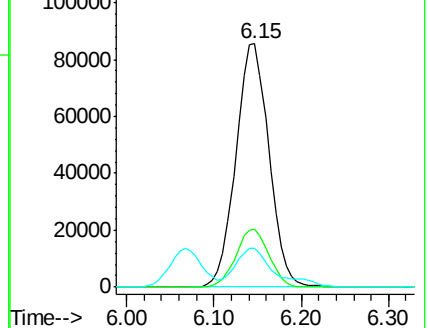
51 15.7 10.8 16.2

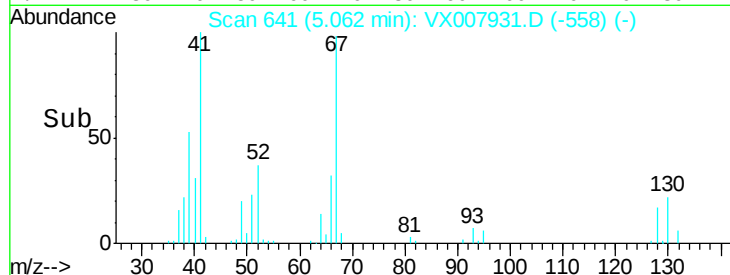
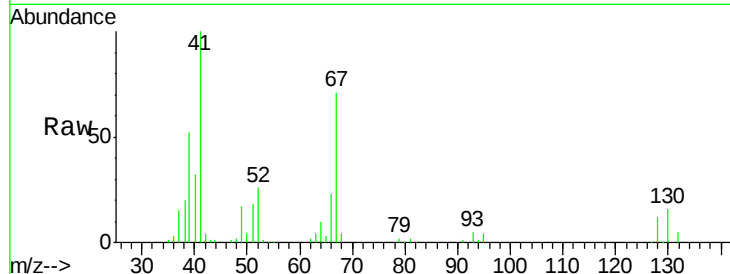
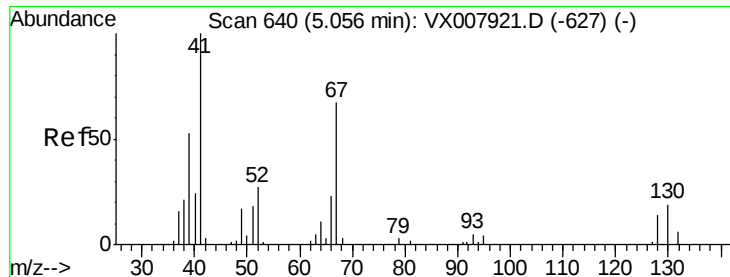


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

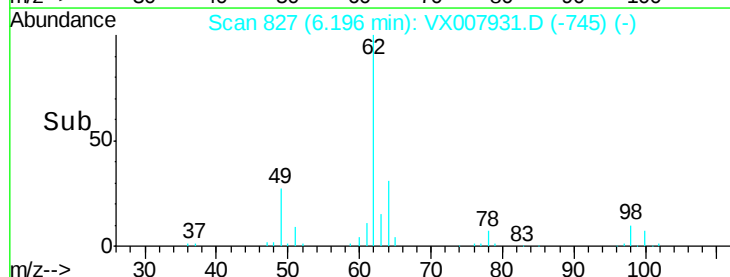
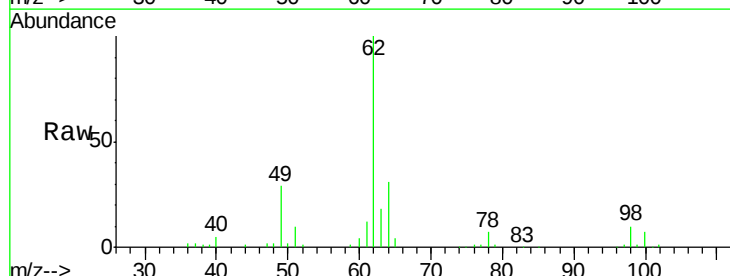
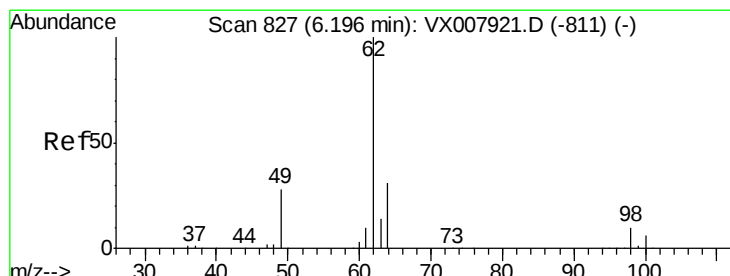
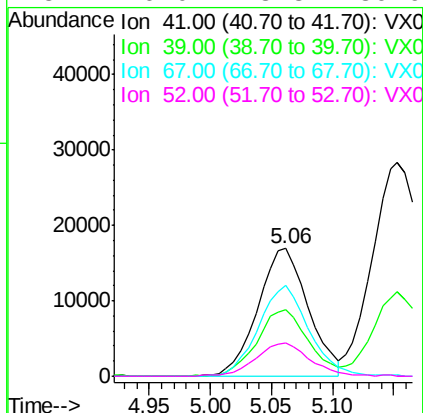




#35
Methacrylonitrile
Concen: 19.249 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

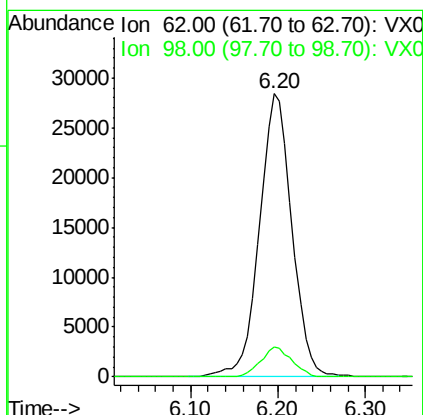
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

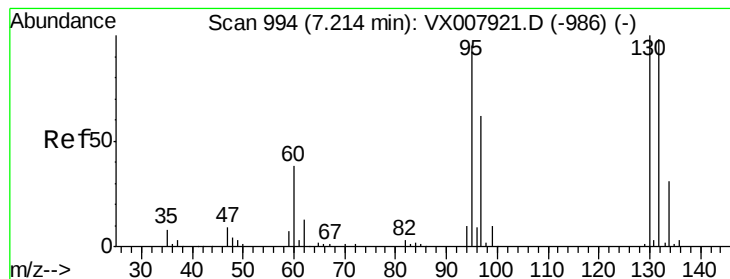
Tot Ion: 41 Resp: 48781
Ion Ratio Lower Upper
41 100
39 51.6 27.4 82.0
67 70.6 37.9 113.6
52 26.0 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.155 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 62 Resp: 73639
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#37

Trichloroethene

Concen: 19.011 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

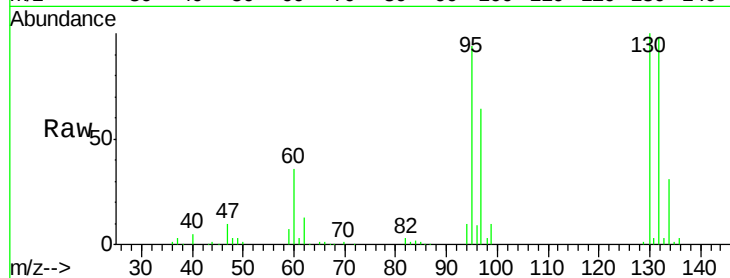
VX0308WBSD01

Tot Ion:130 Resp: 60864

Ion Ratio Lower Upper

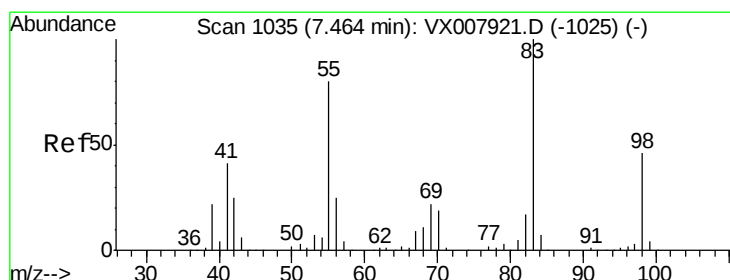
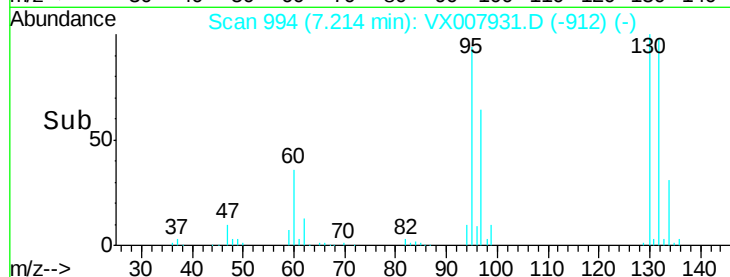
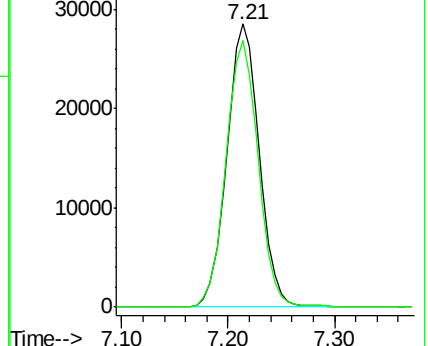
130 100

95 94.2 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.347 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

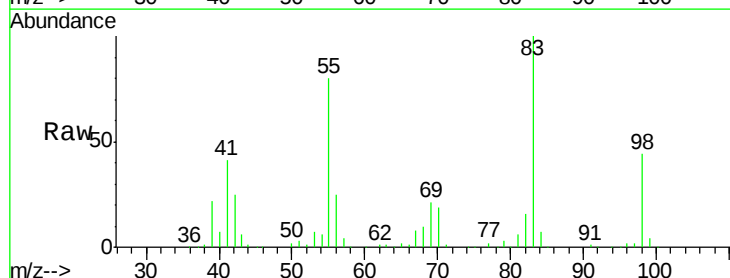
Tgt Ion: 83 Resp: 89945

Ion Ratio Lower Upper

83 100

55 79.1 36.0 108.0

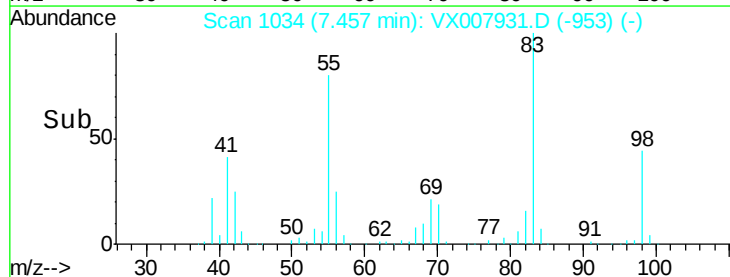
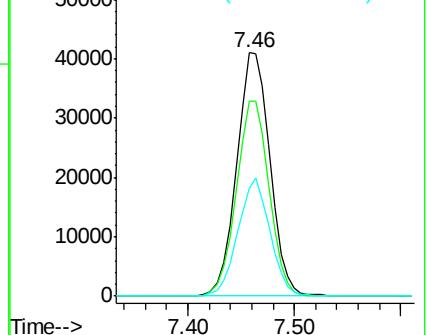
98 46.7 23.8 71.4

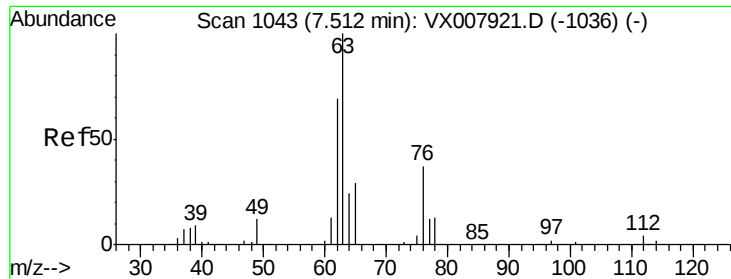


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

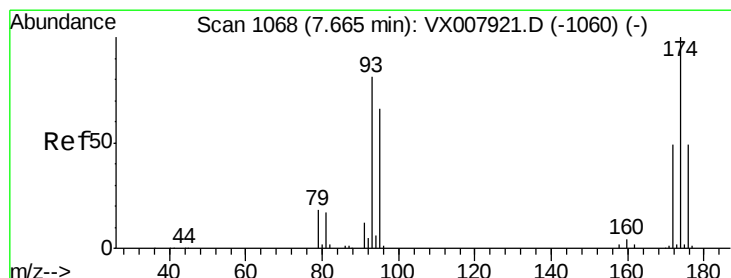
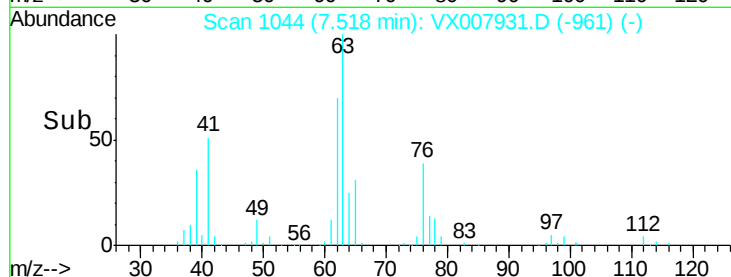
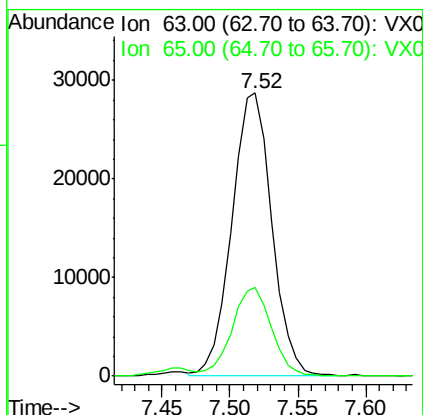
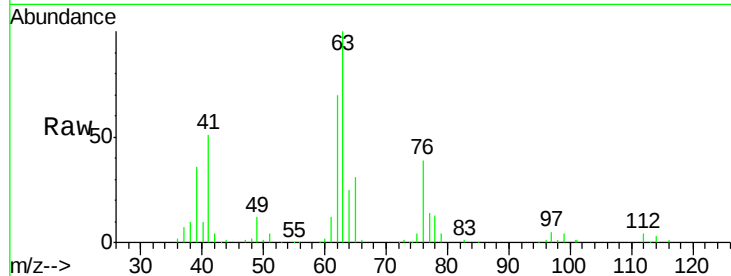




#39
 1,2-Dichloropropane
 Concen: 19.108 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

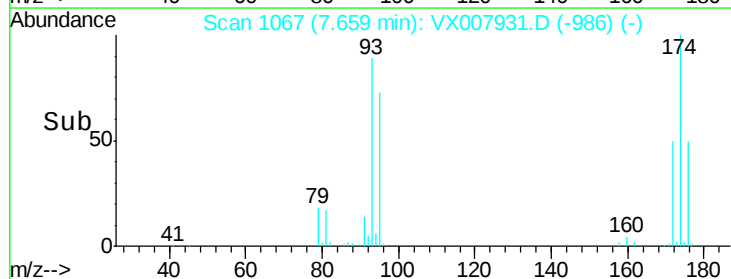
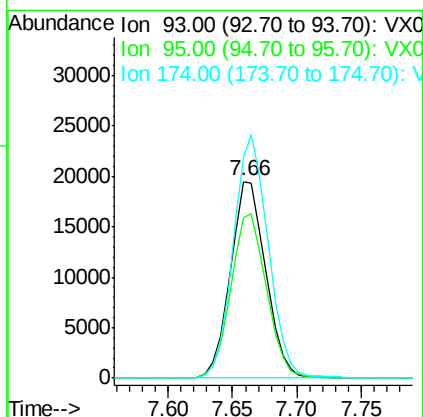
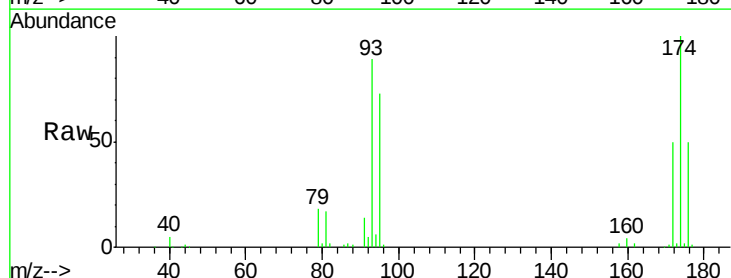
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

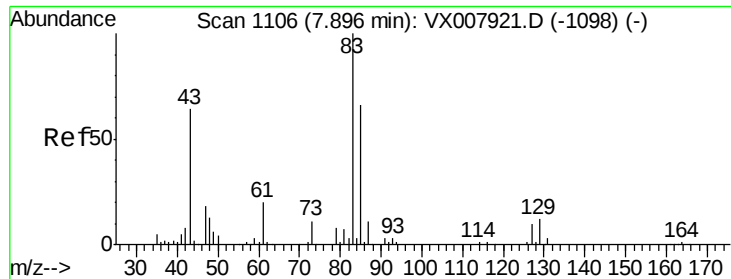
Tot Ion: 63 Resp: 58884
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#40
 Dibromomethane
 Concen: 19.087 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 93 Resp: 37311
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 158.8
 174 121.4 0.0 224.2





#41

Bromodichloromethane

Concen: 18.645 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

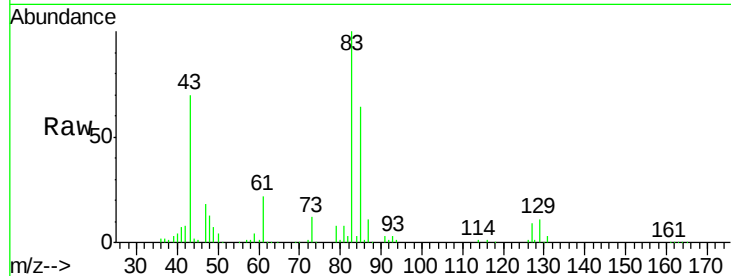
Tot Ion: 83 Resp: 68891

Ion Ratio Lower Upper

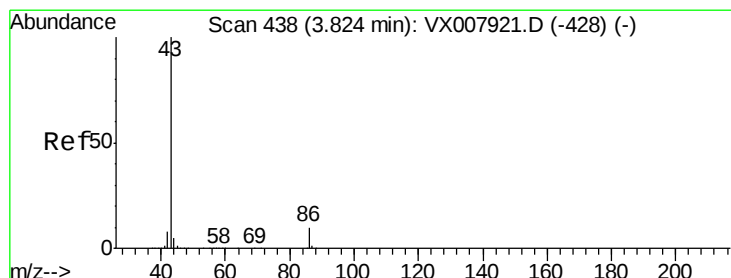
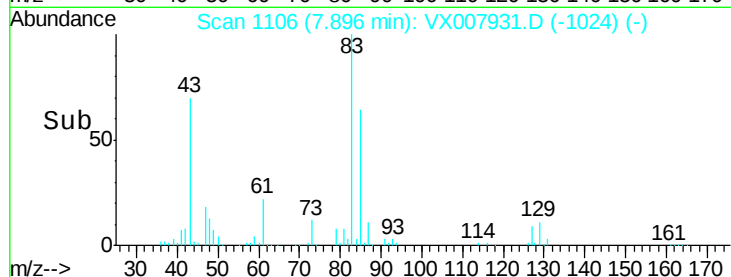
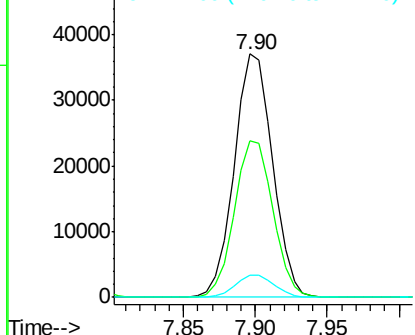
83 100

85 64.4 51.1 76.7

127 9.0 7.2 10.8



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: 98.174 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007931.D

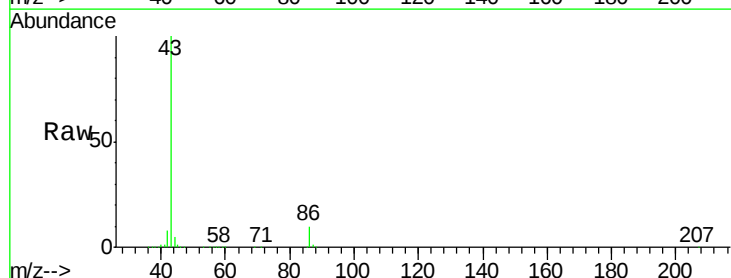
Acq: 08 Mar 2019 15:09

Tgt Ion: 43 Resp: 826465

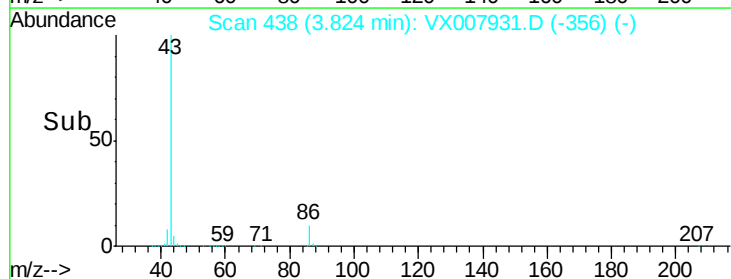
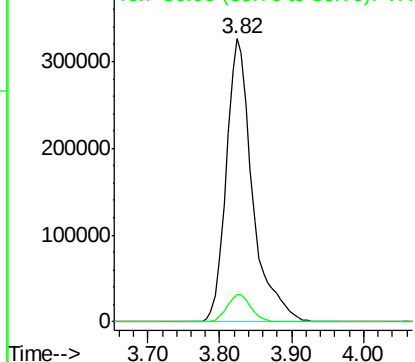
Ion Ratio Lower Upper

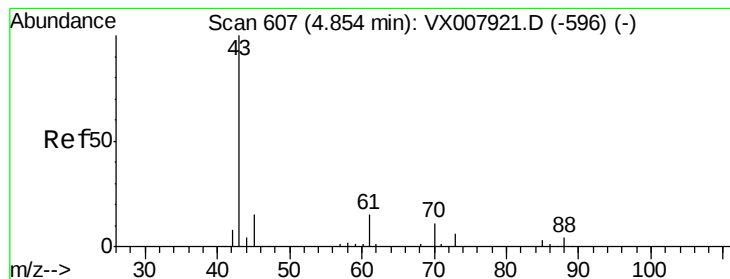
43 100

86 8.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 0.389 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.27 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

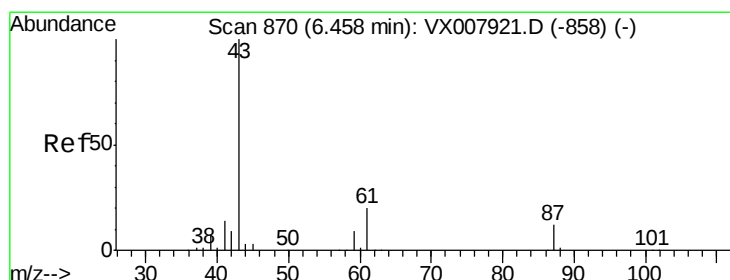
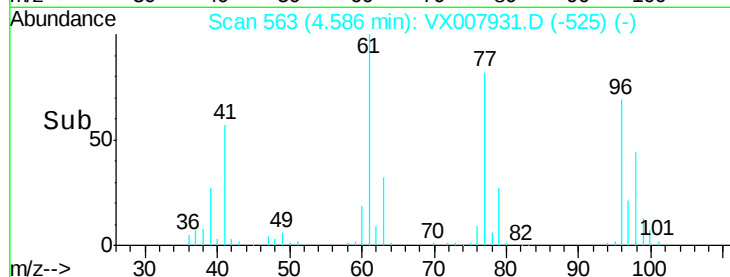
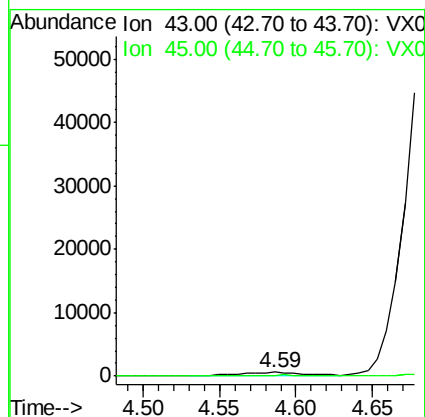
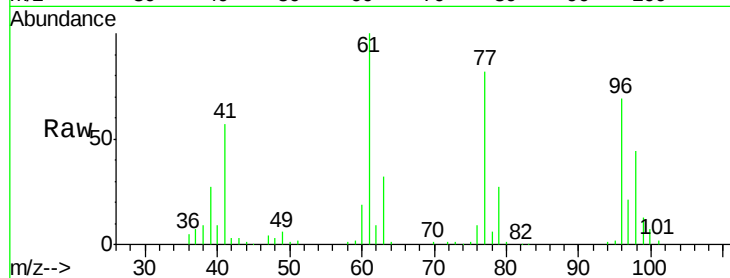
VX0308WBSD01

Tot Ion: 43 Resp: 1760

Ion Ratio Lower Upper

43 100

45 8.6 6.9 10.3



#44

Isopropyl Acetate

Concen: 19.084 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007931.D

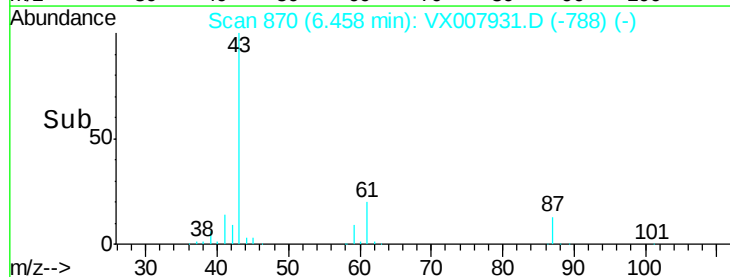
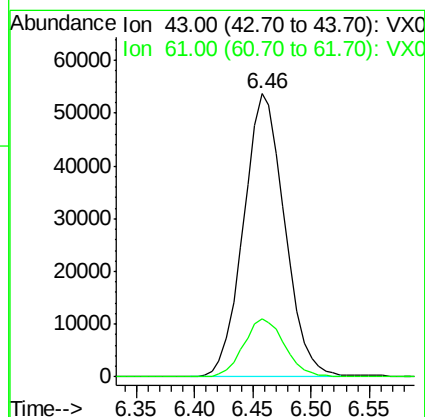
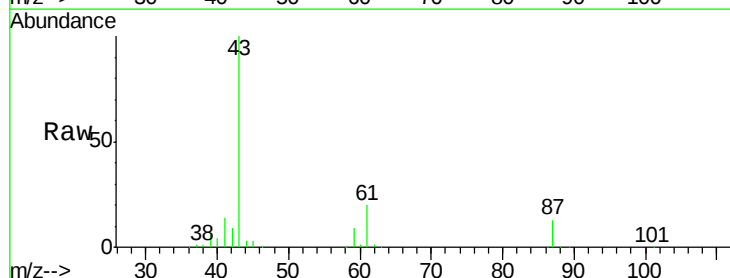
Acq: 08 Mar 2019 15:09

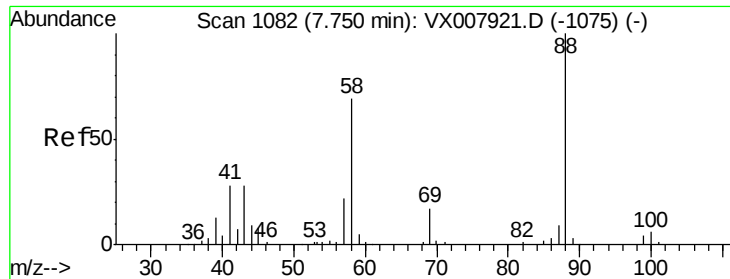
Tgt Ion: 43 Resp: 131905

Ion Ratio Lower Upper

43 100

61 20.8 16.1 24.1





#45

1,4-Dioxane

Concen: 411.499 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

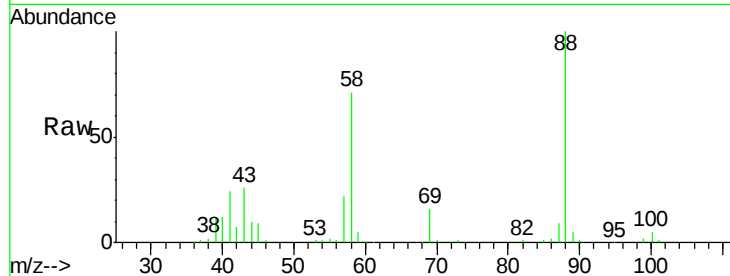
Tot Ion: 88 Resp: 29757

Ion Ratio Lower Upper

88 100

43 30.9 23.6 35.4

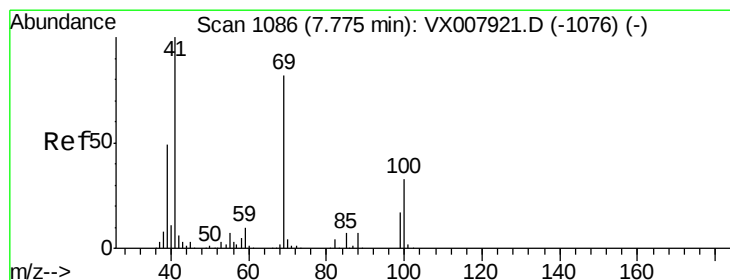
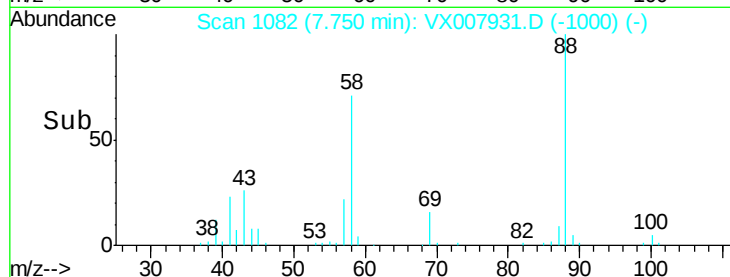
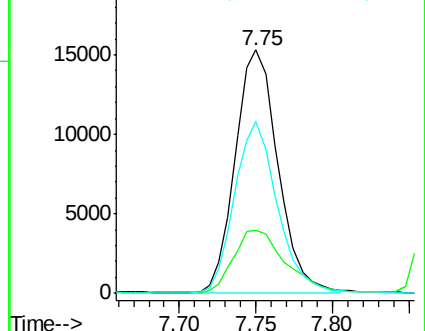
58 71.4 51.6 77.4



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: 19.536 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

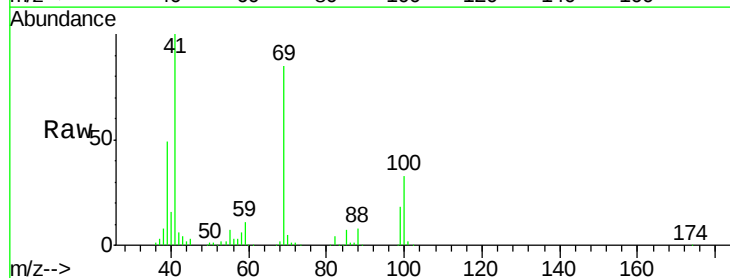
Tgt Ion: 41 Resp: 71014

Ion Ratio Lower Upper

41 100

69 85.3 44.2 132.6

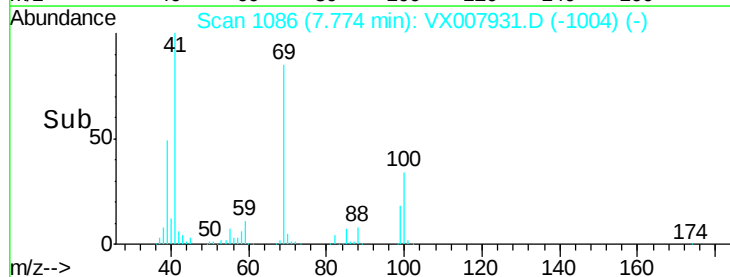
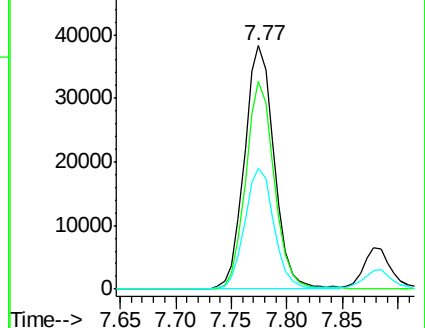
39 49.2 29.9 89.8

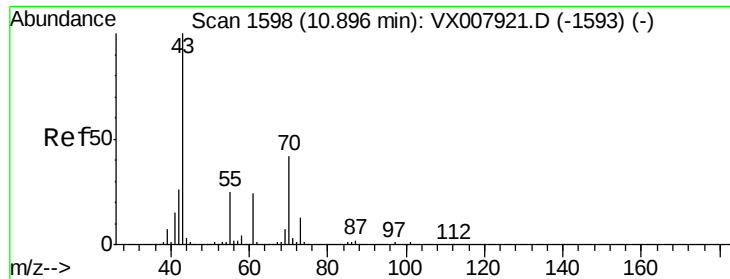


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.911 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

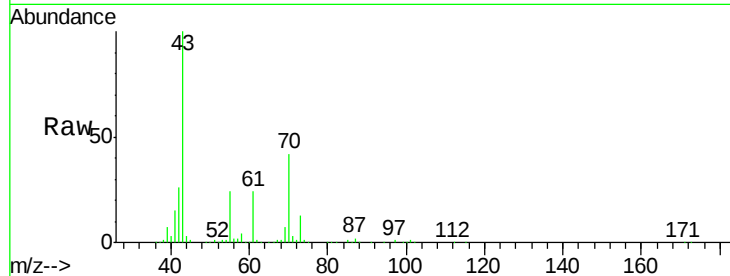
VX0308WBSD01

Tot Ion: 43 Resp: 112622

Ion Ratio Lower Upper

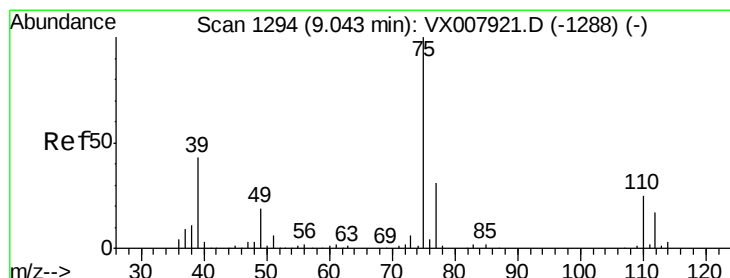
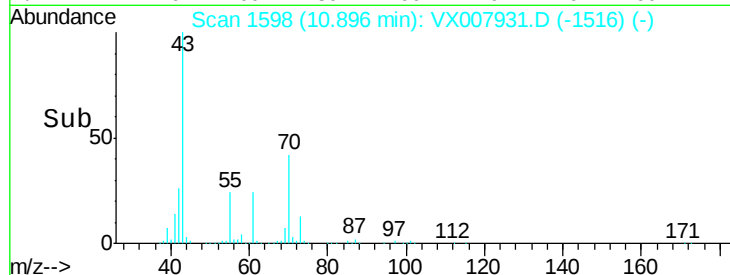
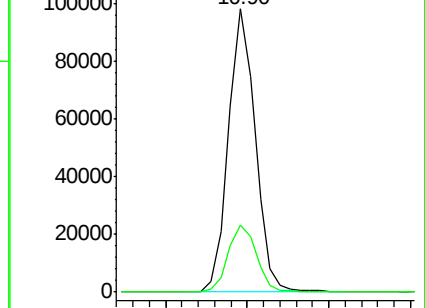
43 100

55 25.1 20.8 31.2



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: 17.873 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007931.D

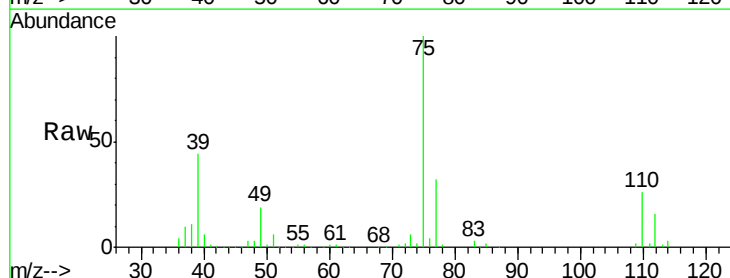
Acq: 08 Mar 2019 15:09

Tgt Ion: 75 Resp: 71521

Ion Ratio Lower Upper

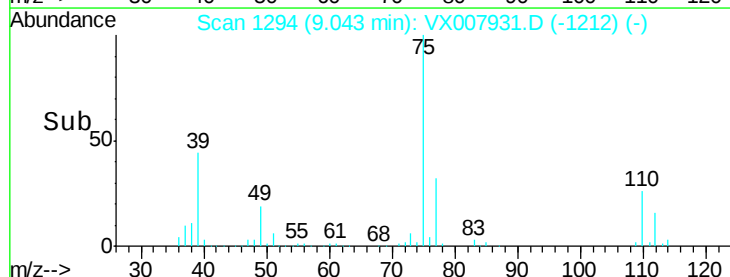
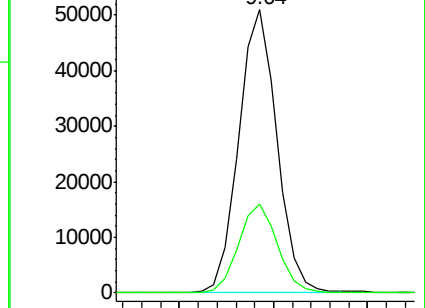
75 100

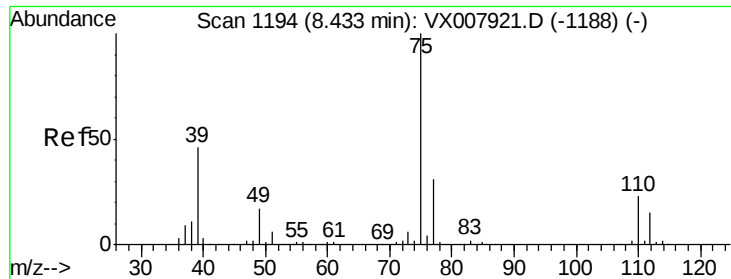
77 31.6 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



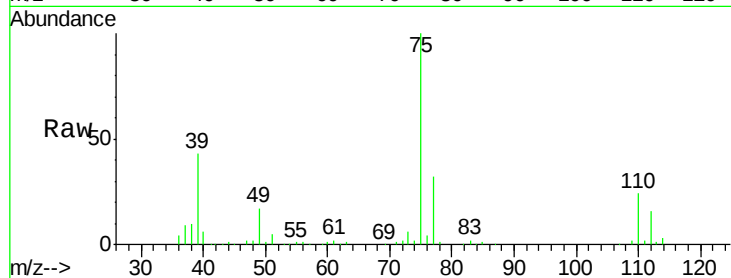


#49

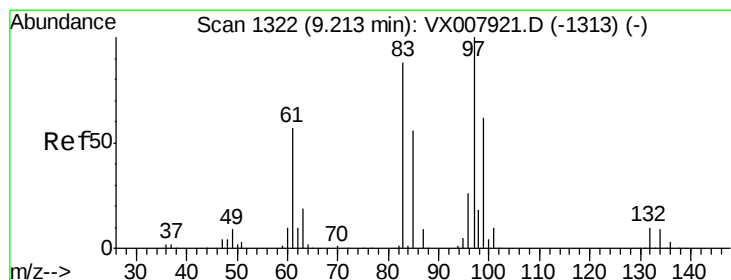
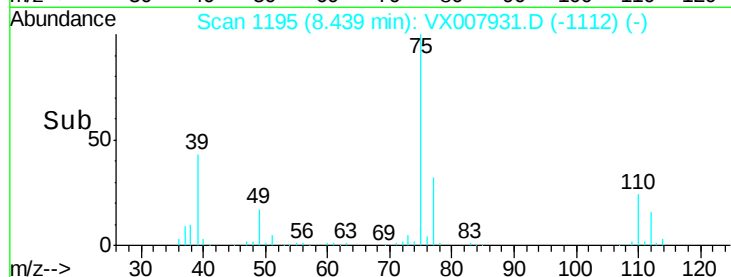
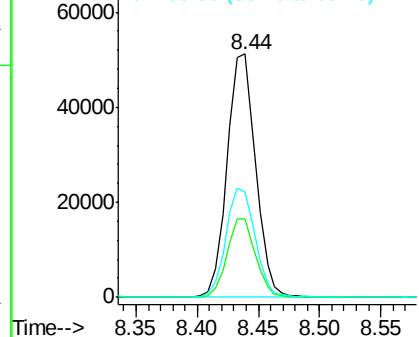
cis-1,3-Dichloropropene
 Concen: 18.302 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion: 75 Resp: 82929
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4
 39 43.3 38.5 57.7



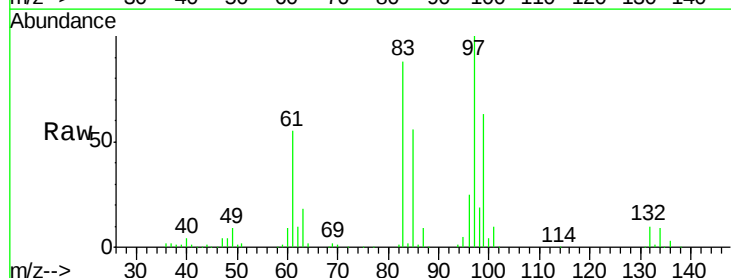
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



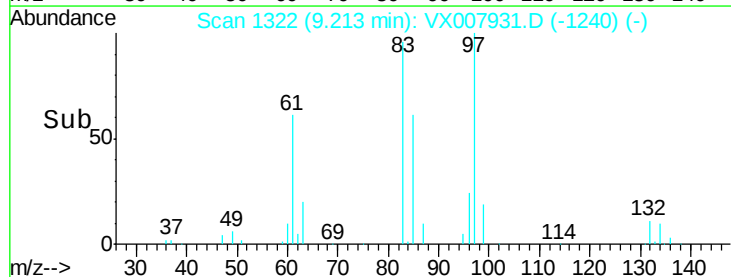
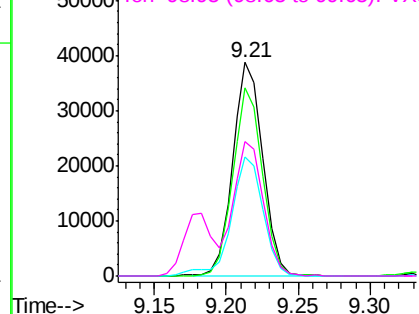
#50

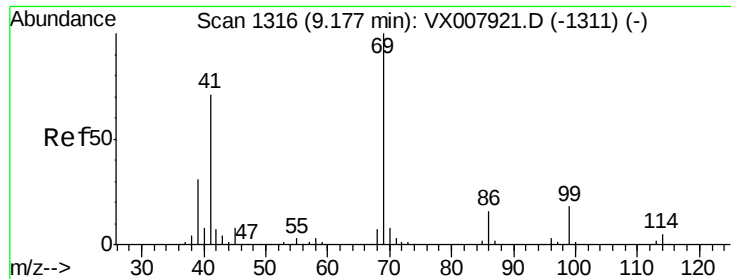
1,1,2-Trichloroethane
 Concen: 18.994 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 97 Resp: 56594
 Ion Ratio Lower Upper
 97 100
 83 87.8 72.0 108.0
 85 55.8 45.0 67.6
 99 62.9 54.2 81.4



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 19.246 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

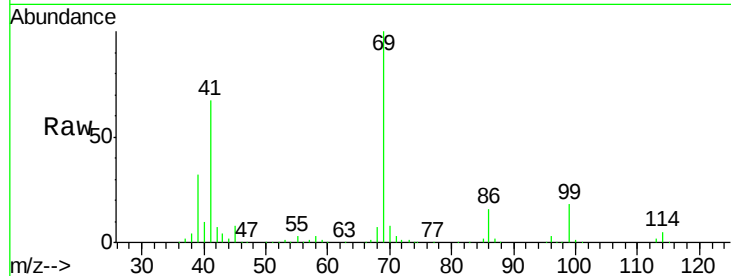
Tot Ion: 69 Resp: 86966

Ion Ratio Lower Upper

69 100

41 67.2 32.1 96.5

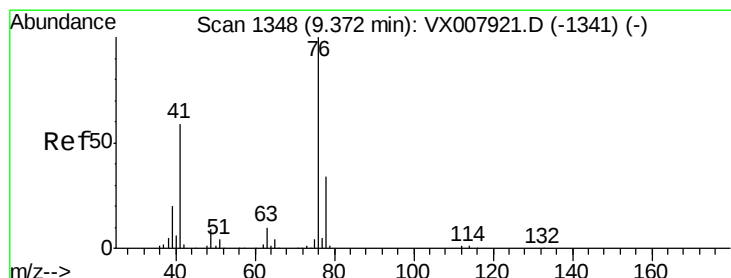
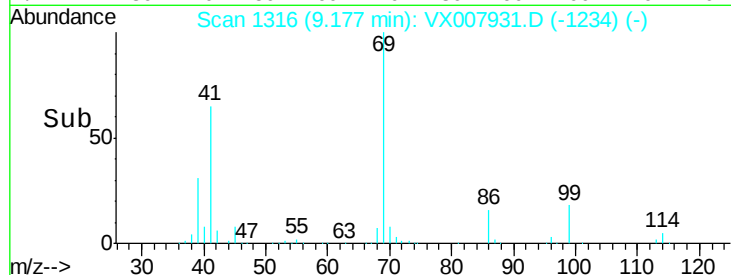
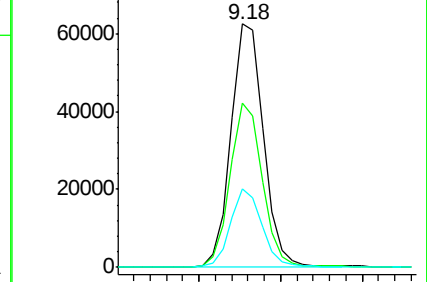
39 32.3 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.413 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007931.D

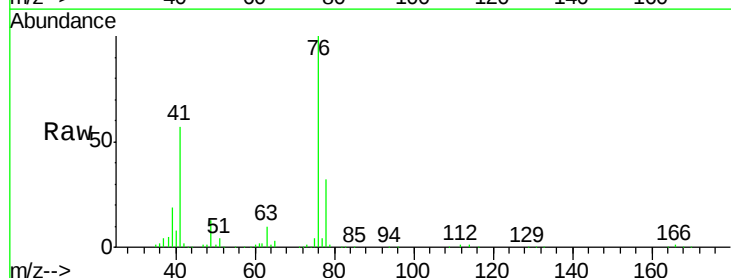
Acq: 08 Mar 2019 15:09

Tgt Ion: 76 Resp: 95575

Ion Ratio Lower Upper

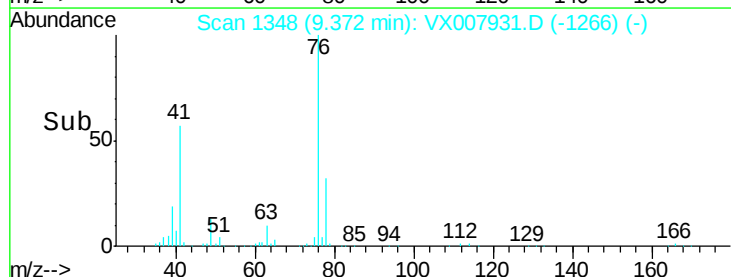
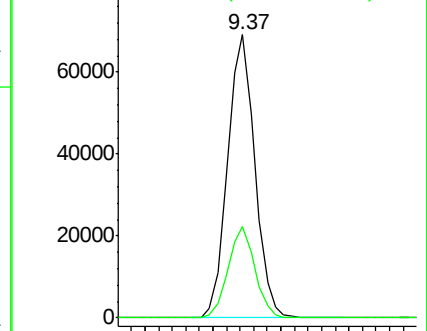
76 100

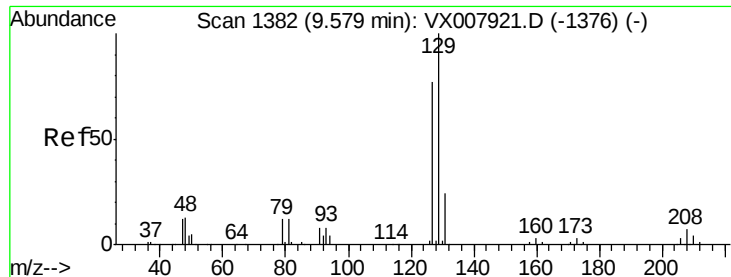
78 31.8 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.530 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

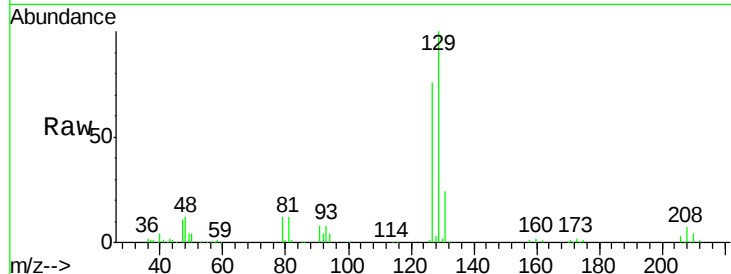
VX0308WBSD01

Tot Ion:129 Resp: 56791

Ion Ratio Lower Upper

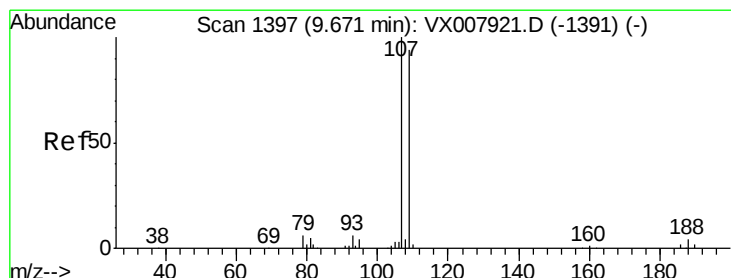
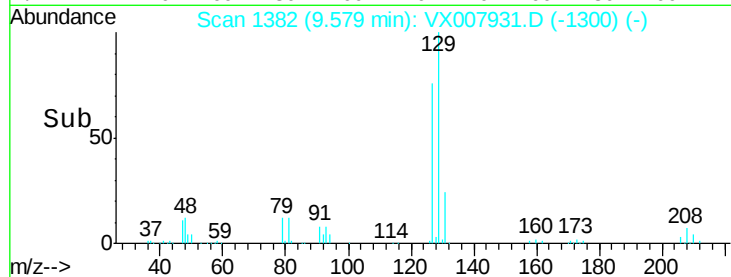
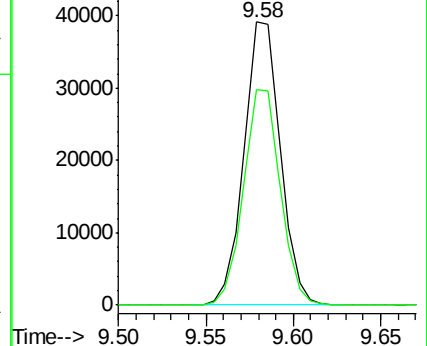
129 100

127 76.7 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.369 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007931.D

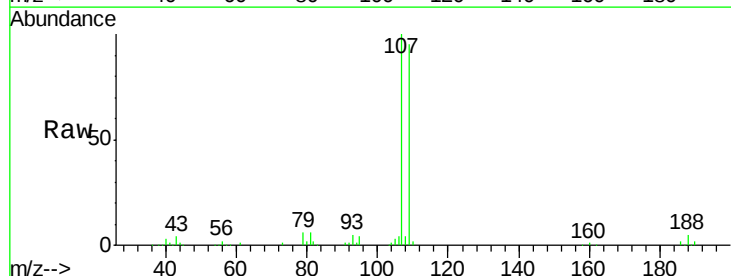
Acq: 08 Mar 2019 15:09

Tgt Ion:107 Resp: 60335

Ion Ratio Lower Upper

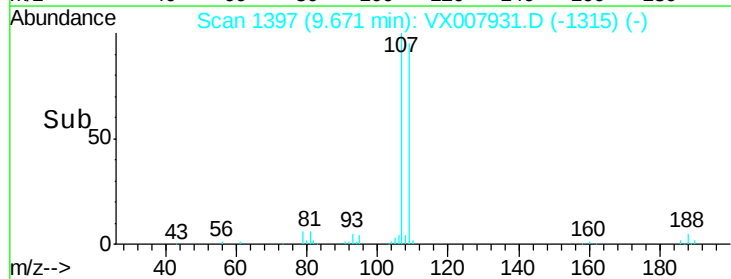
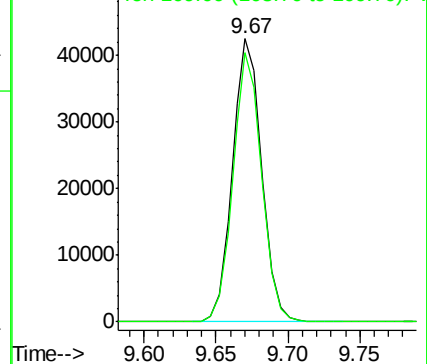
107 100

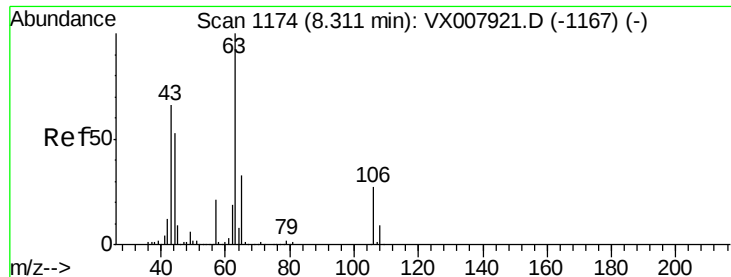
109 93.7 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

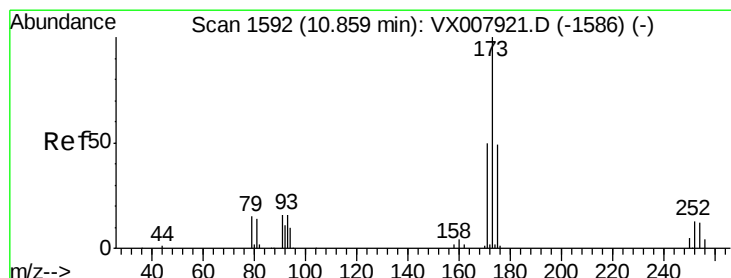
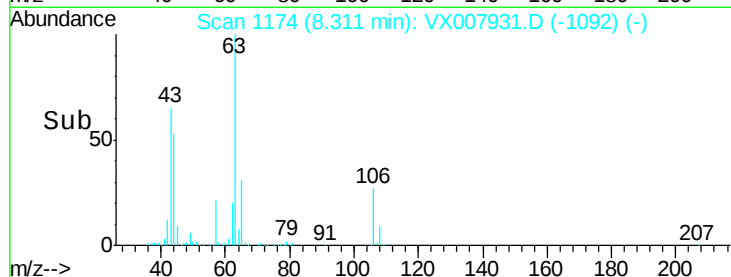
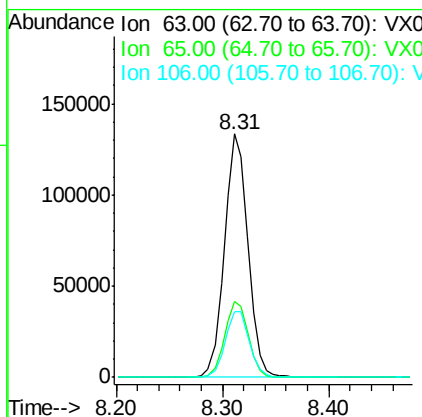
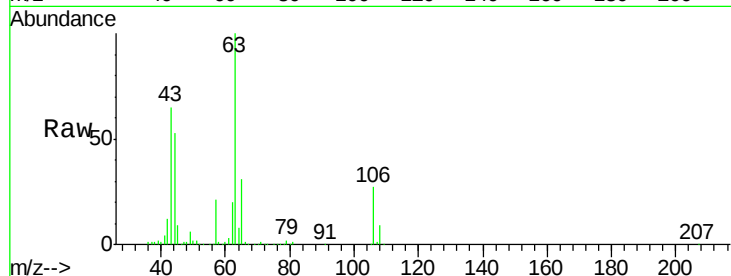




#55
 2-Chloroethyl vinyl ether
 Concen: 97.907 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

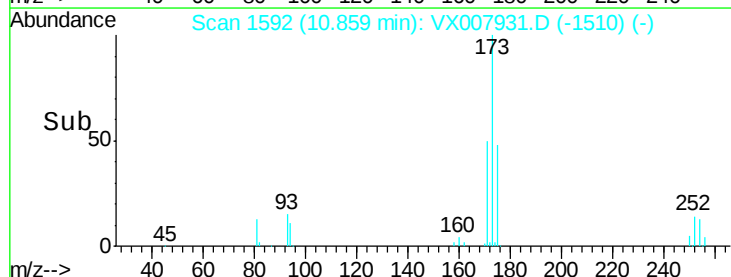
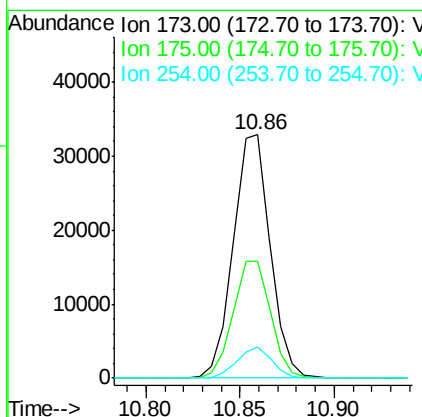
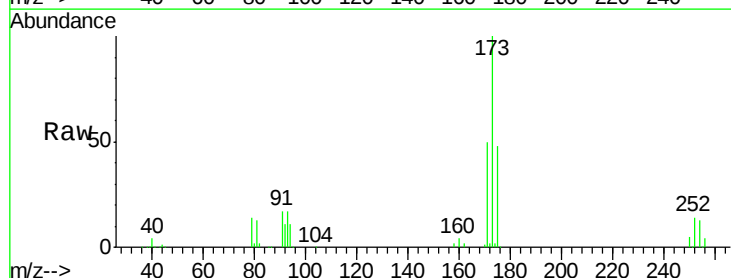
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

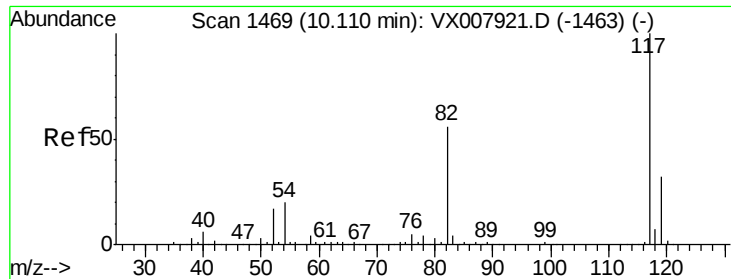
Tot Ion: 63 Resp: 205765
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5
 106 27.9 23.7 35.5



#56
 Bromoform
 Concen: 18.327 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 173 Resp: 44802
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.5 57.7
 254 12.0 7.4 11.2#

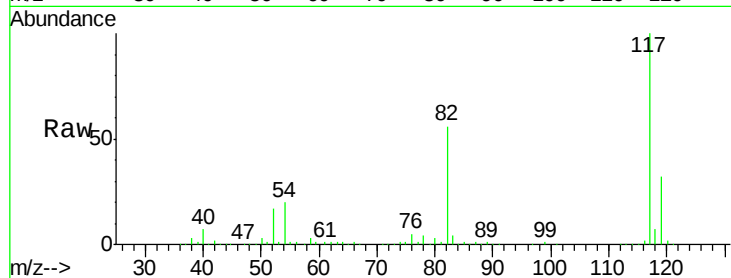




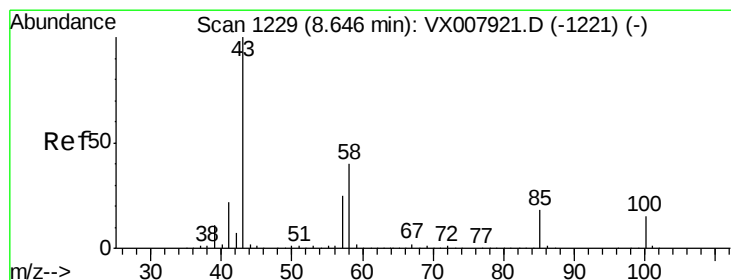
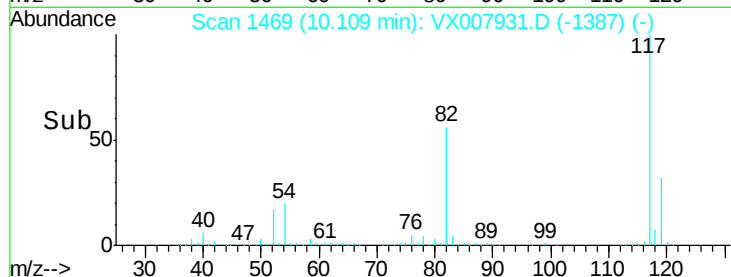
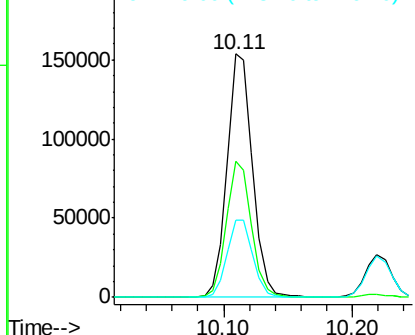
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:117 Resp: 214814
Ion Ratio Lower Upper
117 100
82 54.9 40.4 60.6
119 32.3 25.8 38.6

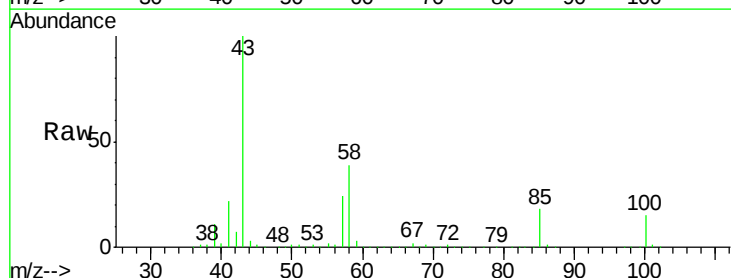


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

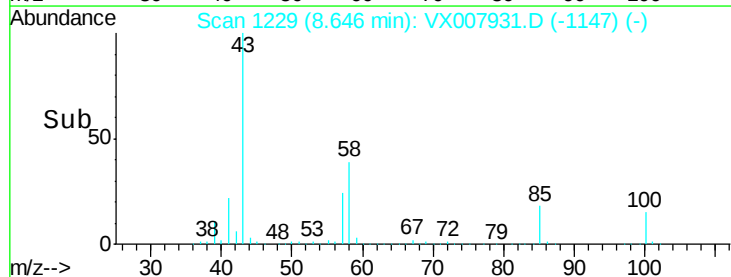
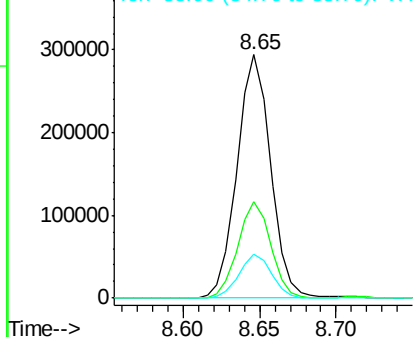


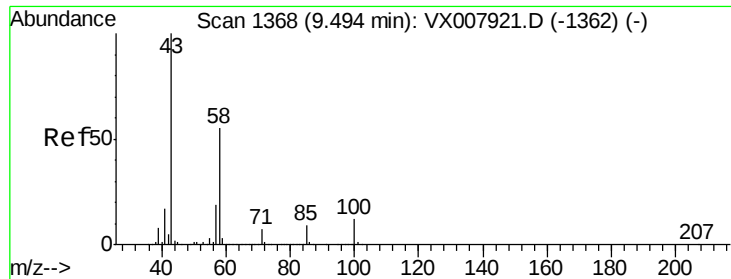
#58
4-Methyl-2-Pentanone
Concen: 101.134 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 43 Resp: 447288
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.0
85 17.9 15.0 22.6



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

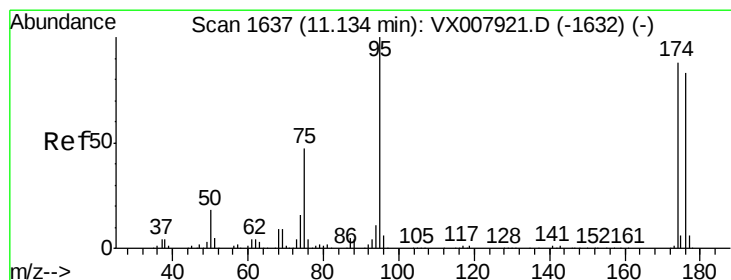
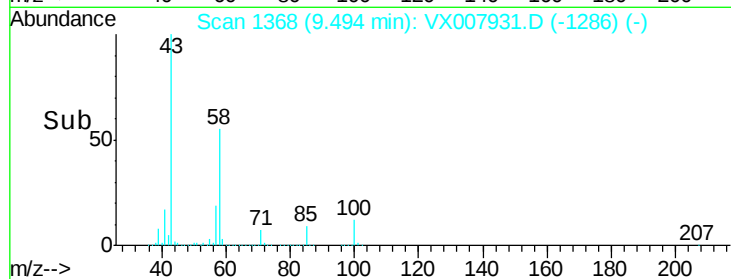
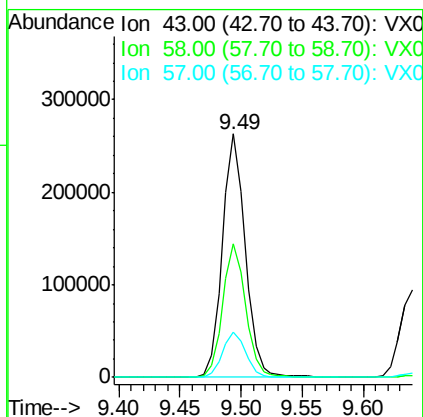
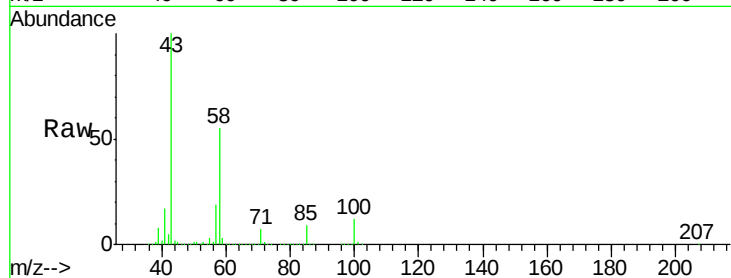




#59
2-Hexanone
Concen: 98.068 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

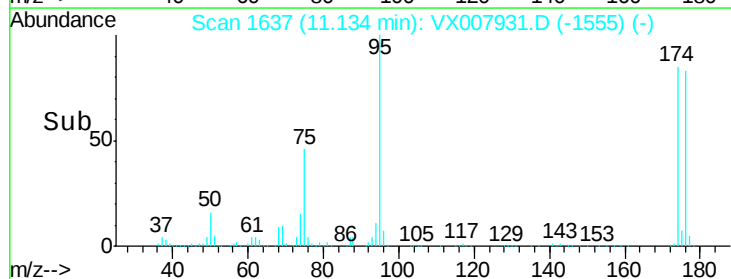
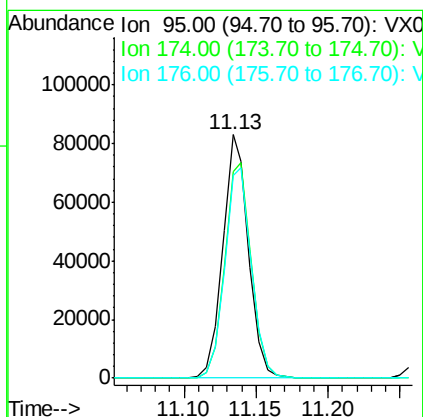
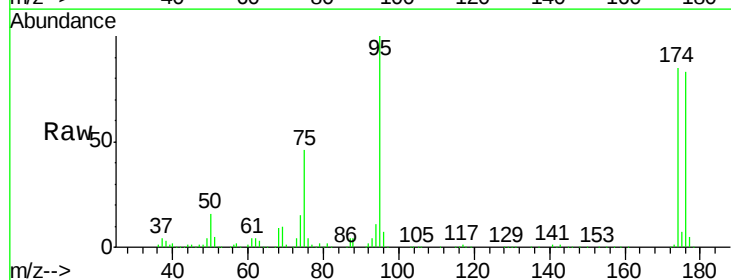
Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

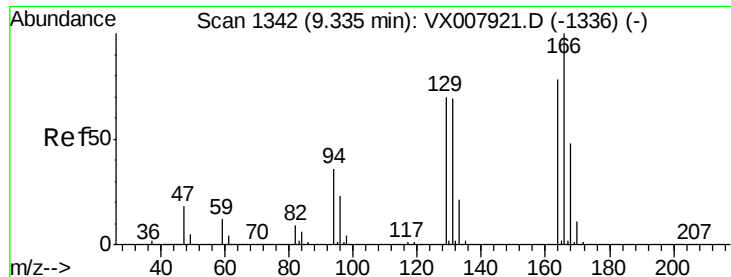
Tot Ion: 43 Resp: 342373
Ion Ratio Lower Upper
43 100
58 55.1 43.9 65.9
57 18.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.333 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 95 Resp: 104002
Ion Ratio Lower Upper
95 100
174 91.8 74.9 112.3
176 90.2 70.7 106.1

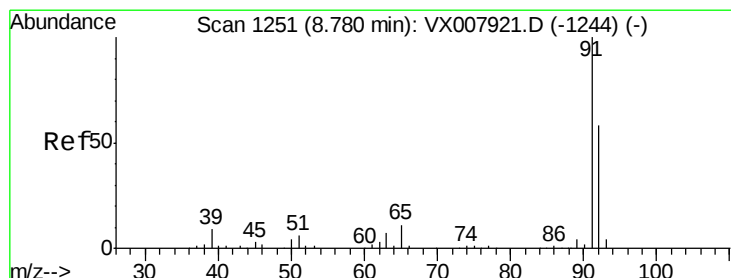
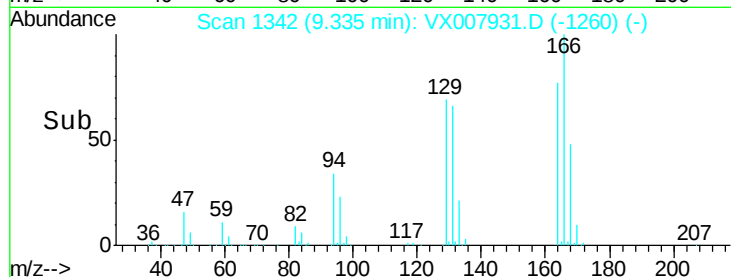
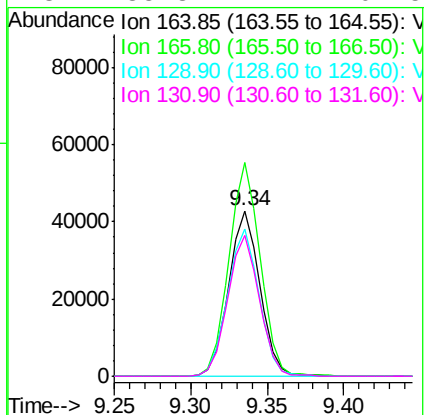
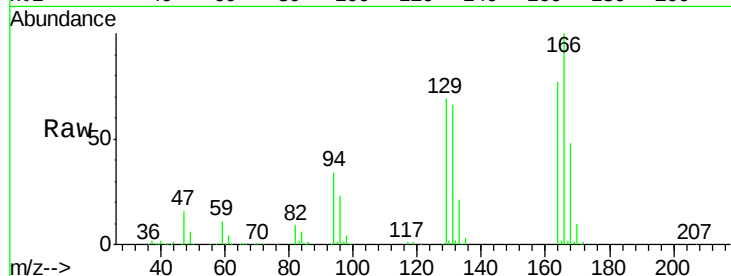




#61
Tetrachloroethene
Concen: 19.374 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

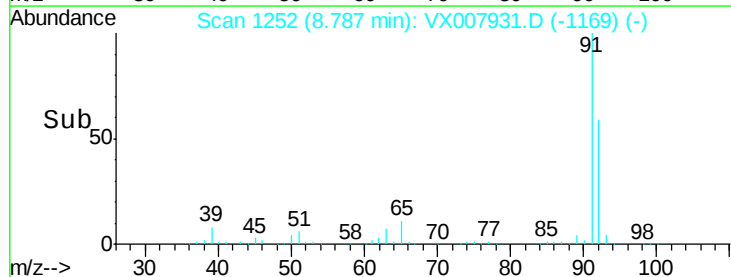
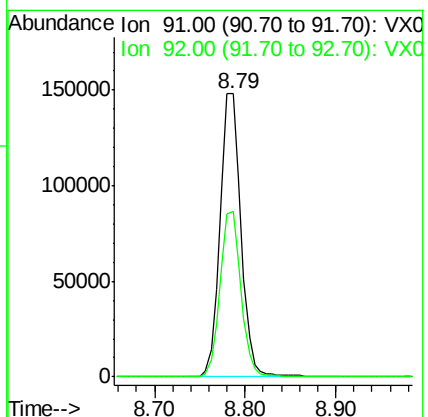
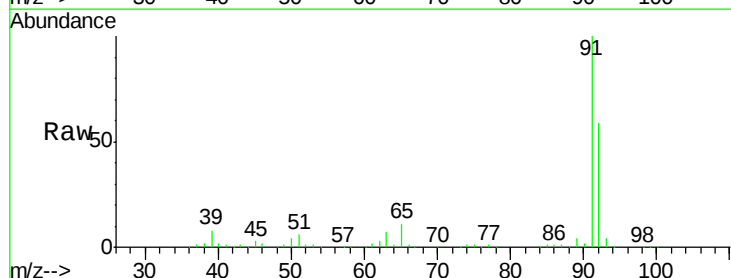
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

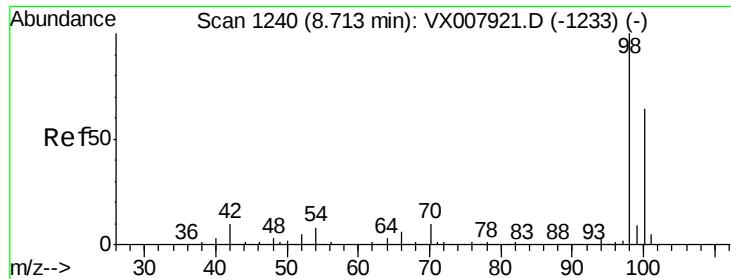
Tot Ion:164 Resp: 60710
Ion Ratio Lower Upper
164 100
166 129.3 103.9 155.9
129 88.8 74.7 112.1
131 85.3 71.7 107.5



#62
Toluene
Concen: 19.026 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 91 Resp: 238651
Ion Ratio Lower Upper
91 100
92 58.6 46.4 69.6





#63

Toluene-d8

Concen: 30.162 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

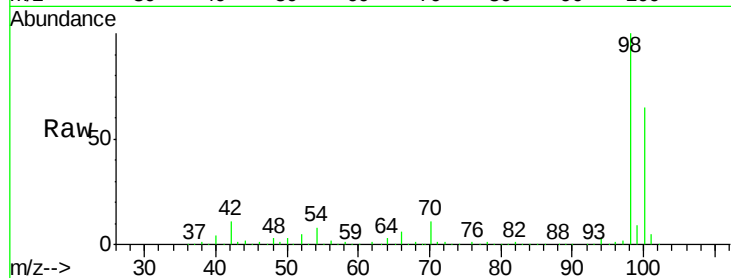
VX0308WBSD01

Tot Ion: 98 Resp: 296517

Ion Ratio Lower Upper

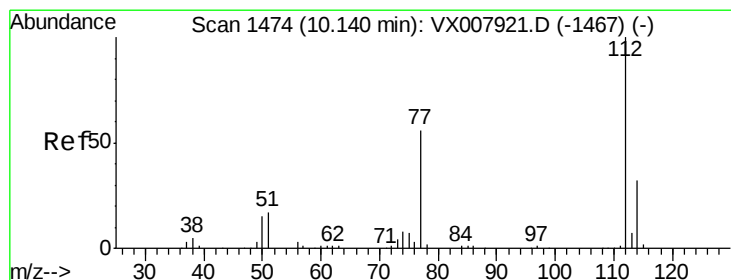
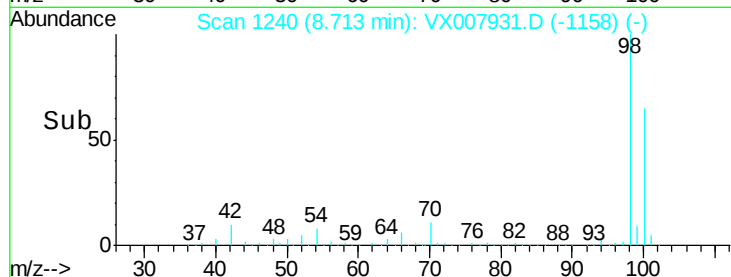
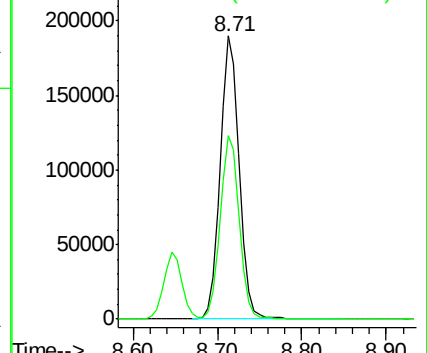
98 100

100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.988 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007931.D

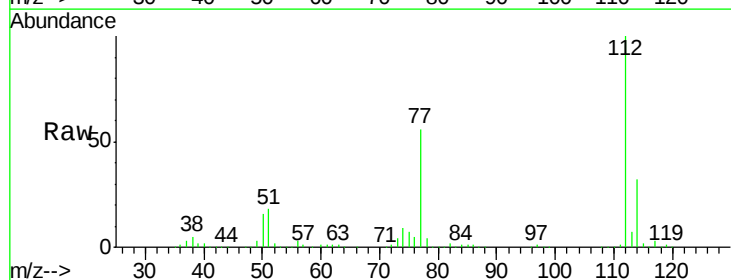
Acq: 08 Mar 2019 15:09

Tgt Ion: 112 Resp: 151799

Ion Ratio Lower Upper

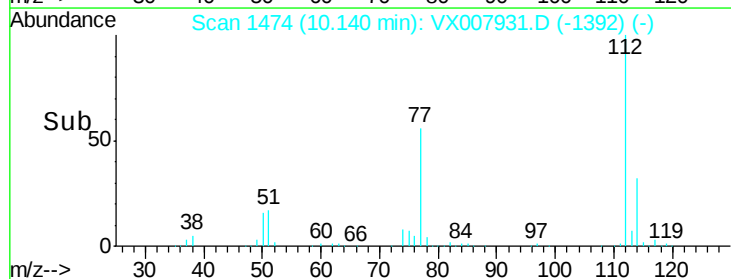
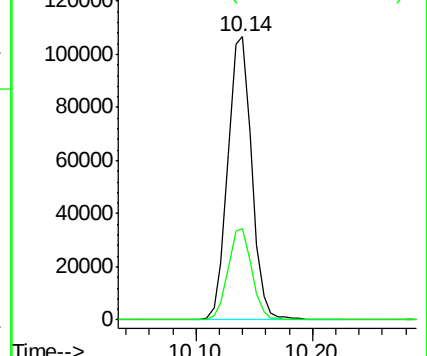
112 100

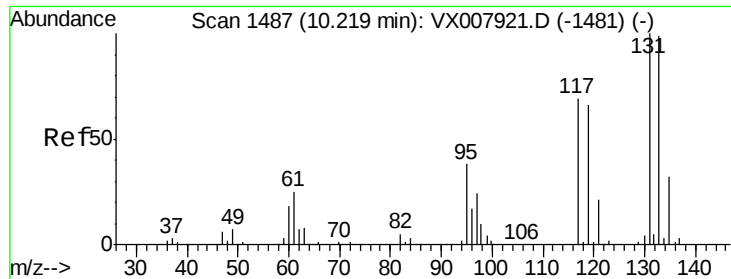
114 32.4 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.290 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

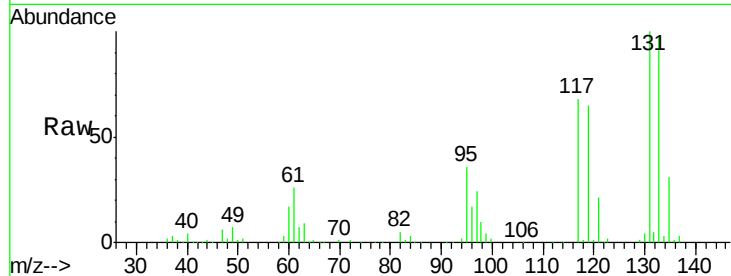
Tot Ion:131 Resp: 55215

Ion Ratio Lower Upper

131 100

133 94.5 0.0 191.6

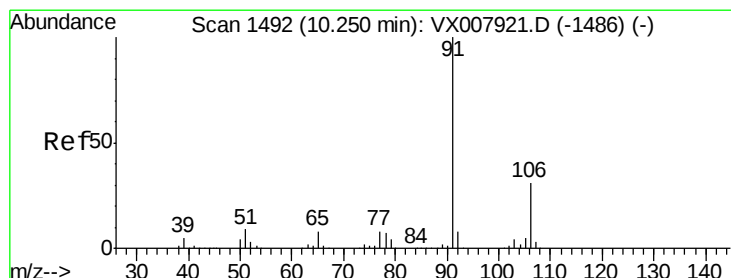
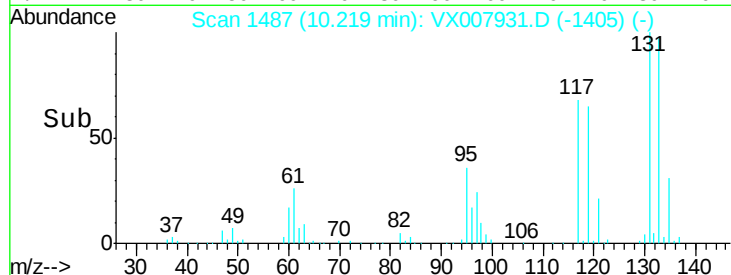
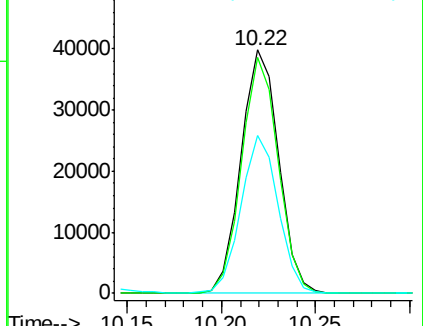
119 64.4 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.747 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007931.D

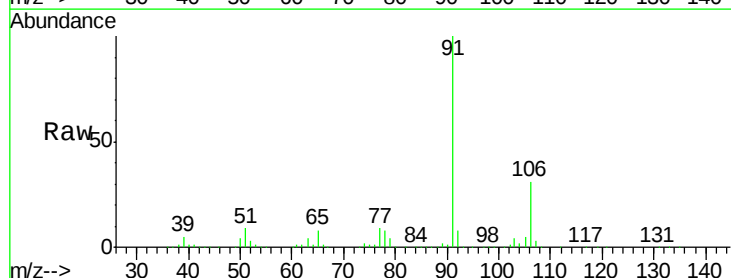
Acq: 08 Mar 2019 15:09

Tgt Ion: 91 Resp: 252586

Ion Ratio Lower Upper

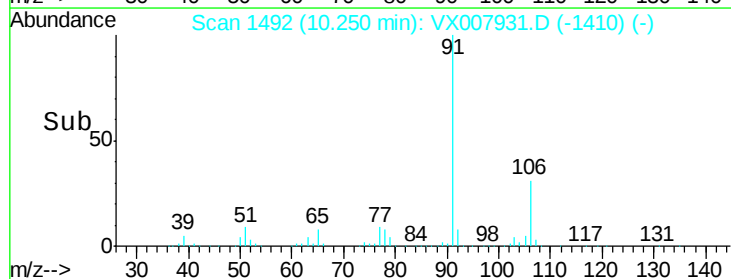
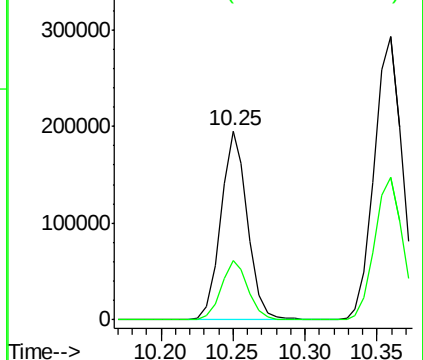
91 100

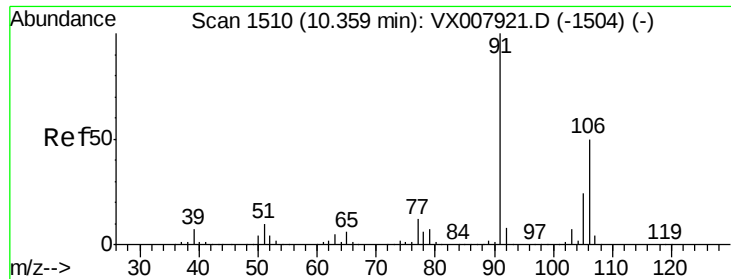
106 31.2 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

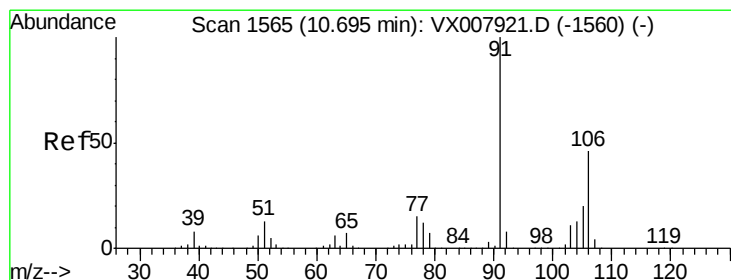
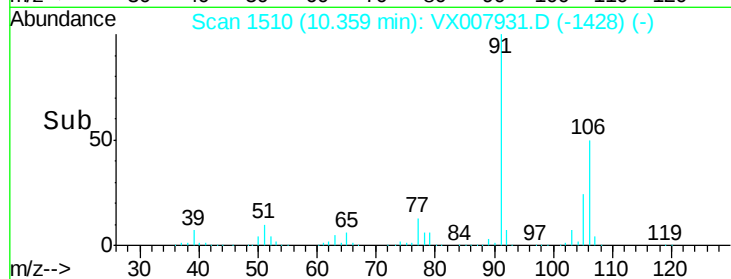
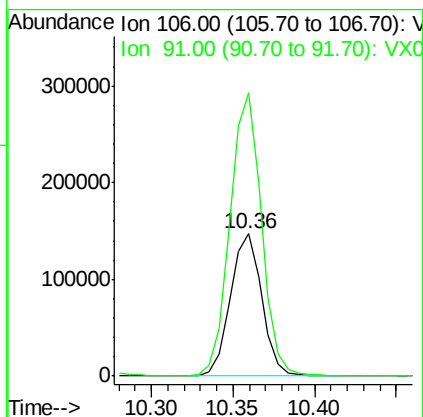
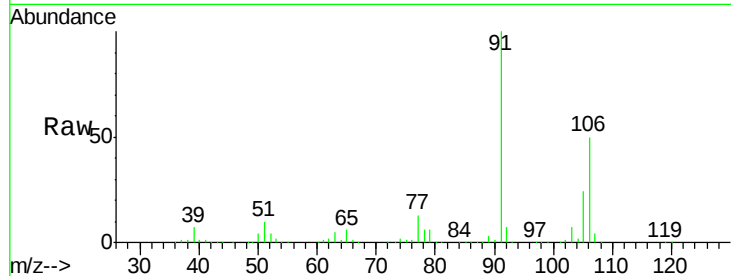




#67
m/p-Xvlenes
Concen: 37.861 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

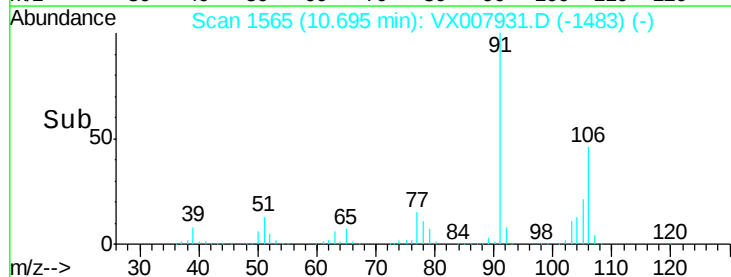
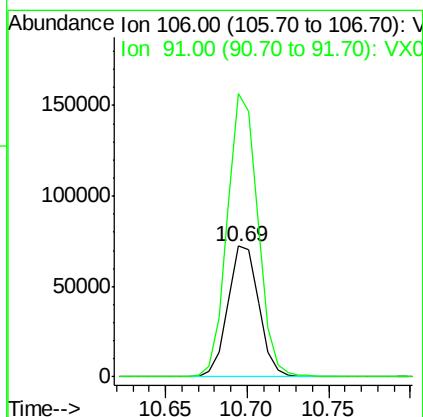
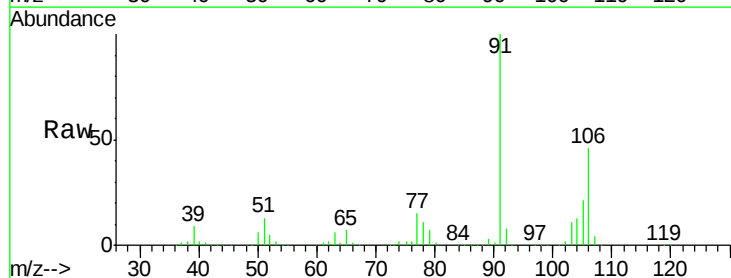
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

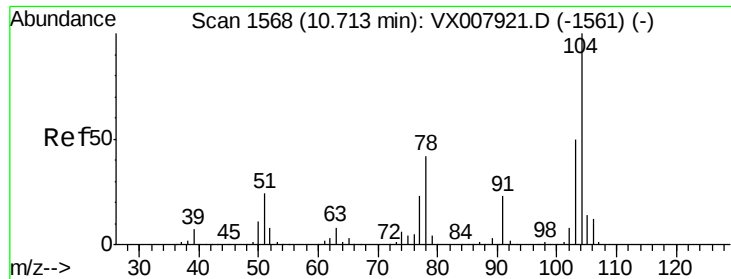
Tot Ion:106 Resp: 195600
Ion Ratio Lower Upper
106 100
91 199.8 157.0 235.4



#68
o-Xylene
Concen: 19.013 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion:106 Resp: 95382
Ion Ratio Lower Upper
106 100
91 214.5 104.4 313.2

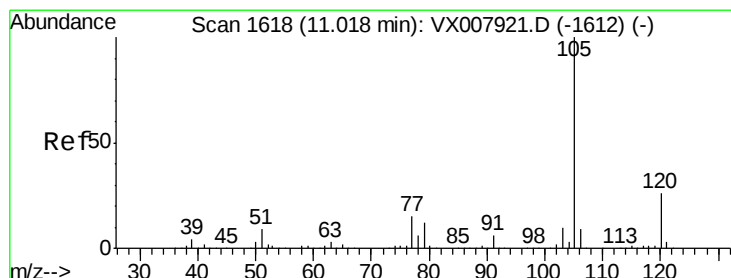
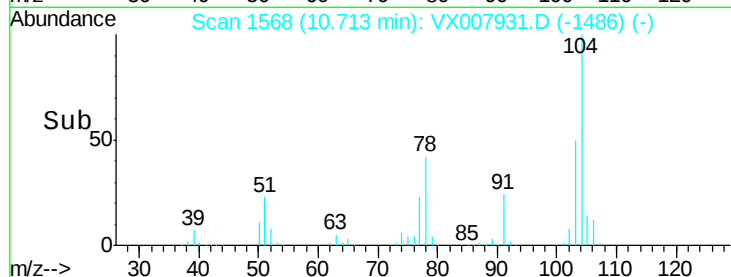
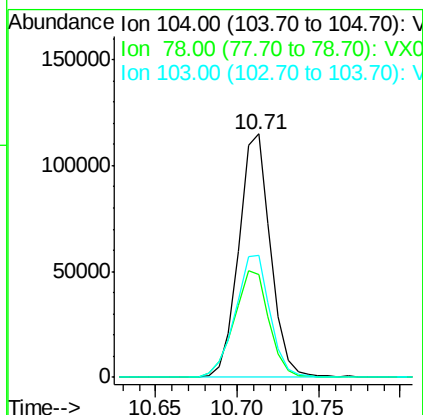
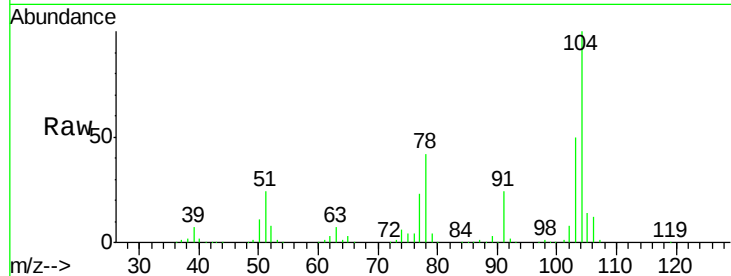




#69
Stvrene
Concen: 18.827 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

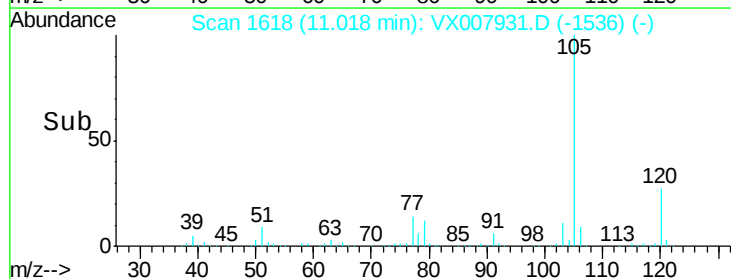
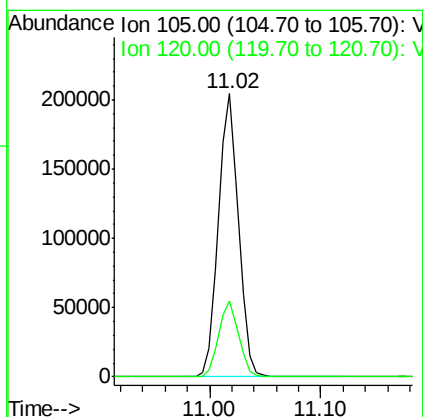
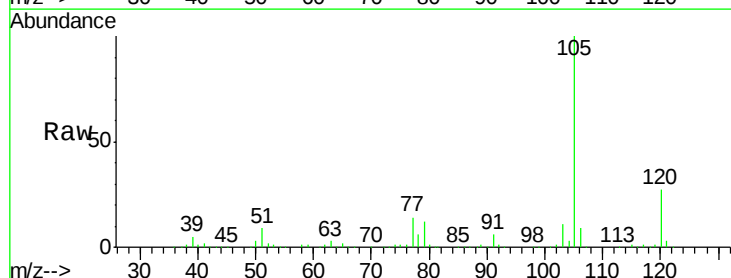
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

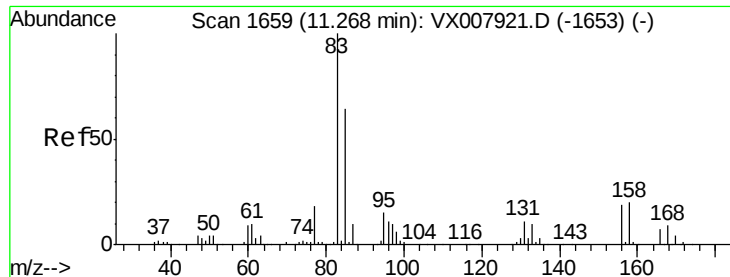
Tot Ion:104 Resp: 155620
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.2
103 55.3 45.0 67.4



#70
Isopropylbenzene
Concen: 19.017 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion:105 Resp: 254920
Ion Ratio Lower Upper
105 100
120 26.8 19.8 36.8

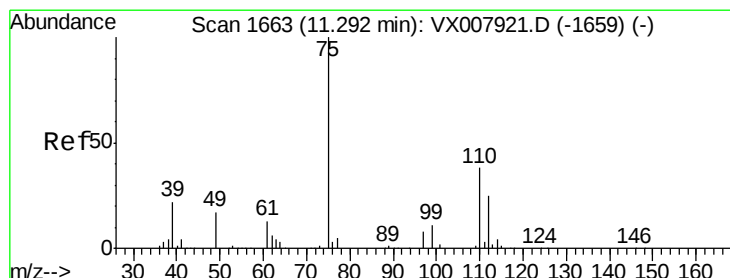
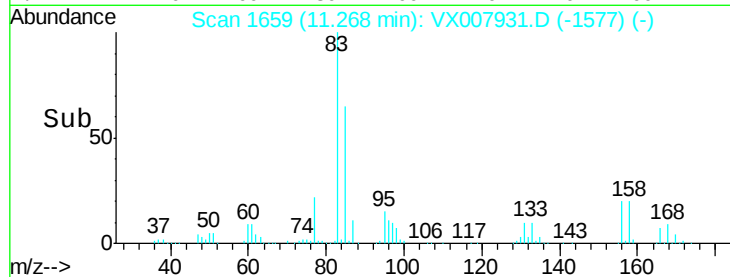
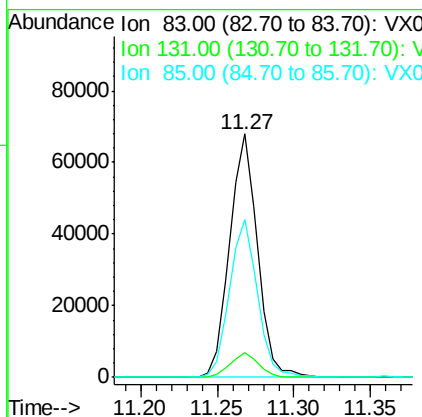
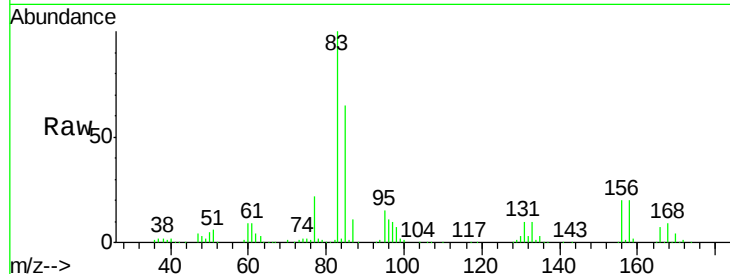




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.368 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

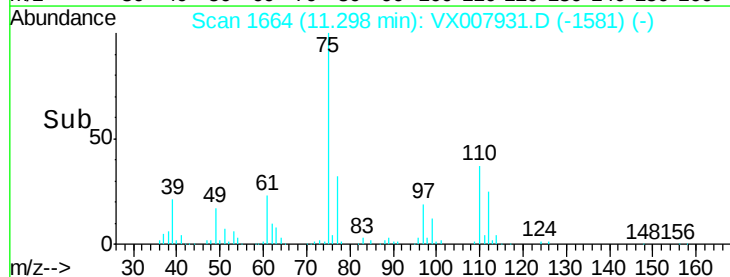
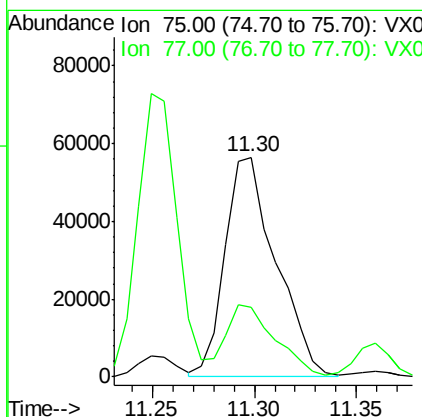
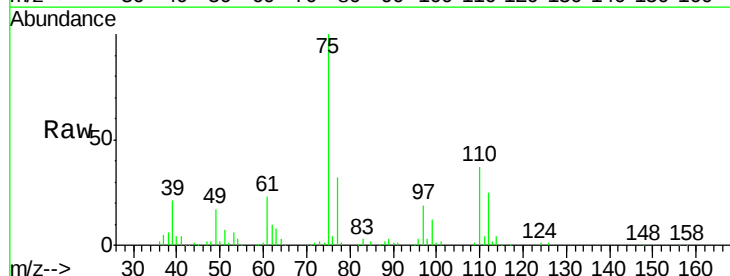
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

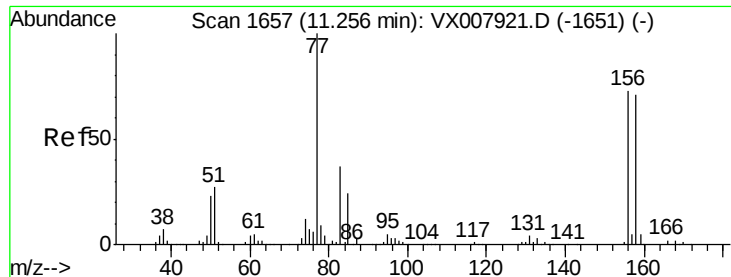
Tot Ion: 83 Resp: 85744
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 65.1 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 23.531 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 75 Resp: 98197
 Ion Ratio Lower Upper
 75 100
 77 32.4 0.0 76.4





#73

Bromobenzene

Concen: 19.228 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

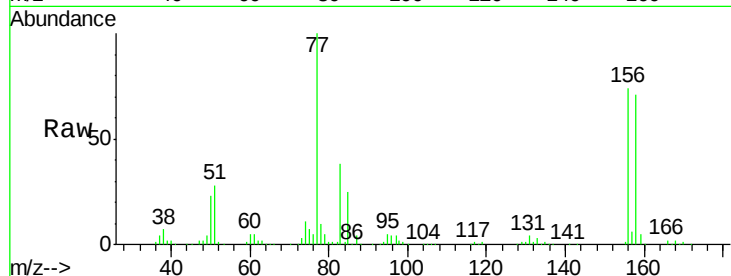
Tot Ion:156 Resp: 68525

Ion Ratio Lower Upper

156 100

77 142.4 0.0 271.4

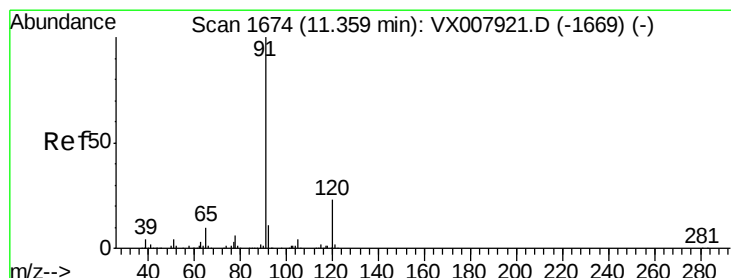
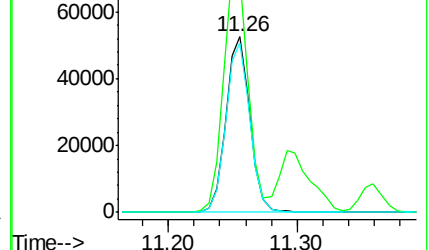
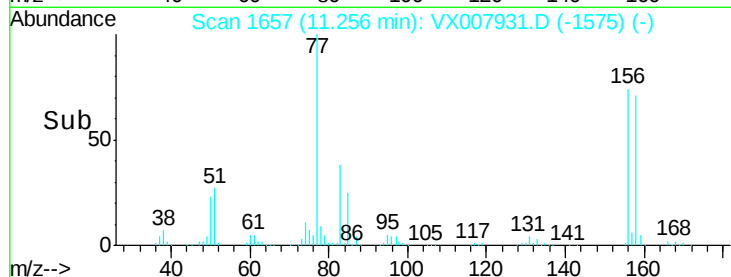
158 96.6 0.0 194.0



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: 18.745 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007931.D

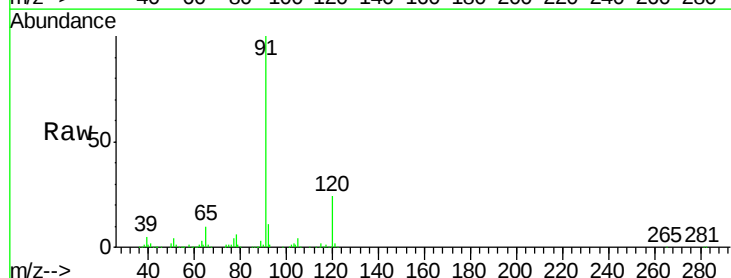
Acq: 08 Mar 2019 15:09

Tgt Ion: 91 Resp: 283434

Ion Ratio Lower Upper

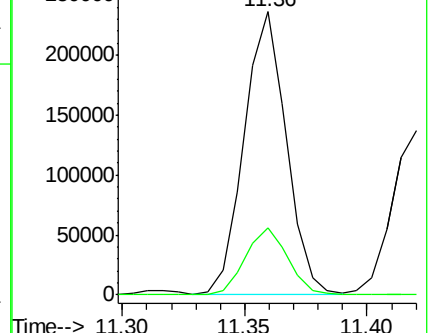
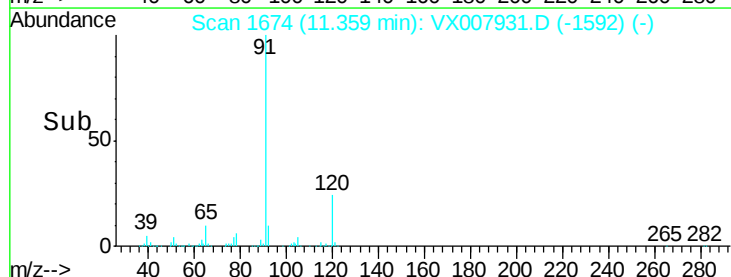
91 100

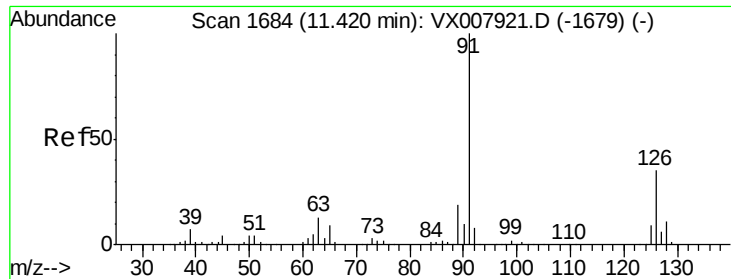
120 23.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.015 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampled :

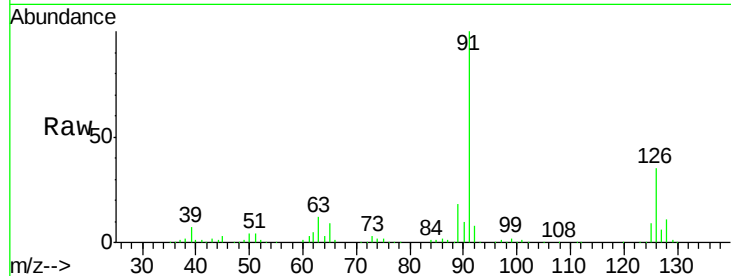
VX0308WBSD01

Tot Ion: 91 Resp: 172338

Ion Ratio Lower Upper

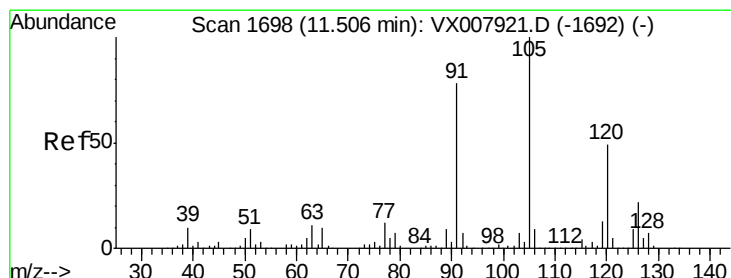
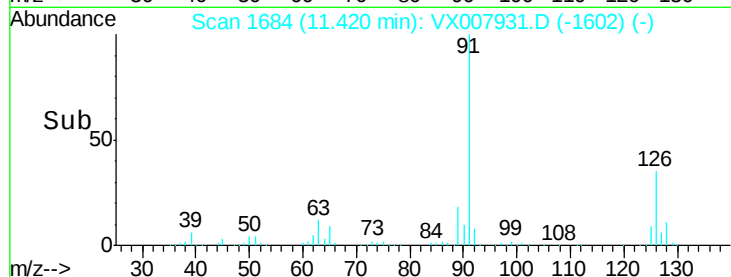
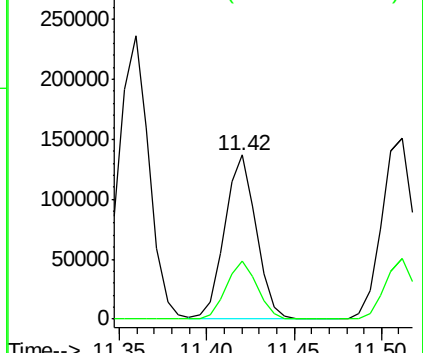
91 100

126 34.7 0.0 75.2



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: 18.880 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007931.D

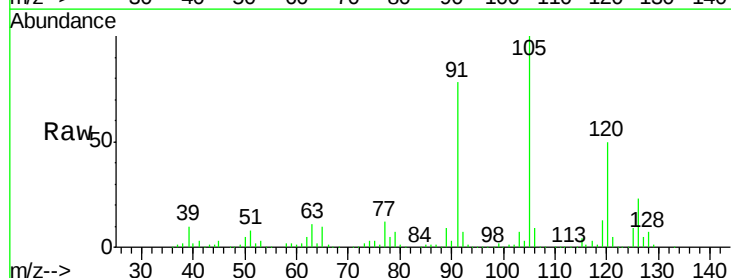
Acq: 08 Mar 2019 15:09

Tgt Ion: 105 Resp: 209742

Ion Ratio Lower Upper

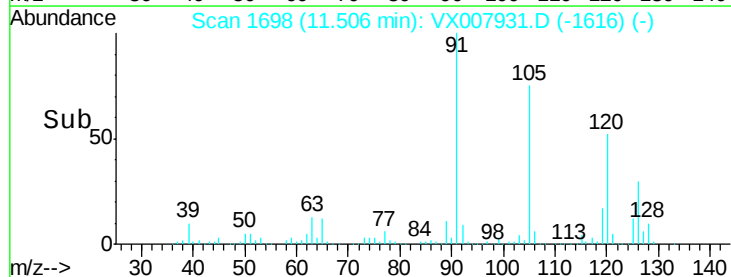
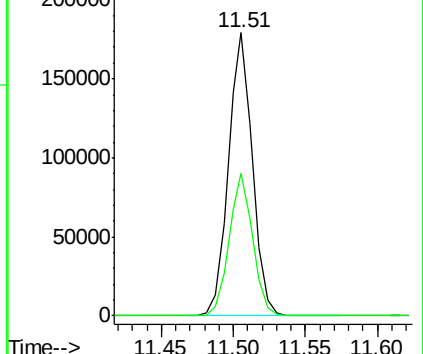
105 100

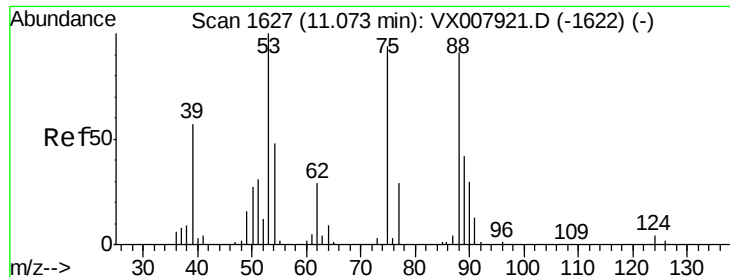
120 49.3 0.0 101.0



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: 17.410 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

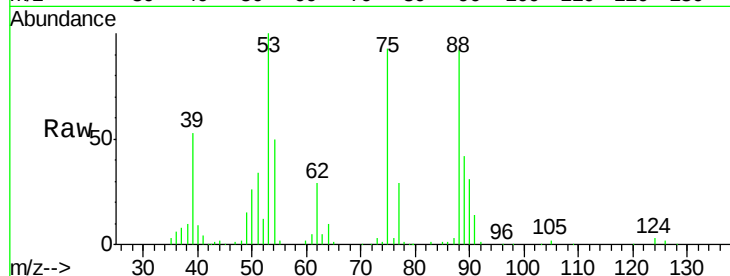
Tot Ion: 75 Resp: 22448

Ion Ratio Lower Upper

75 100

53 107.6 55.5 166.7

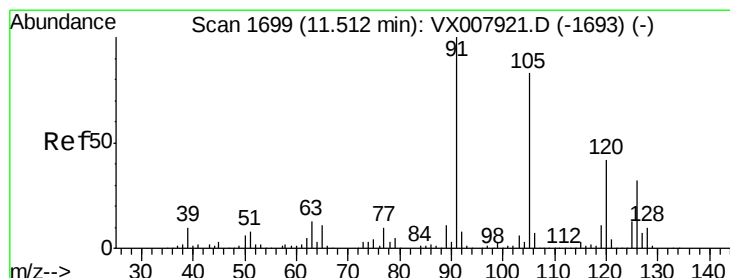
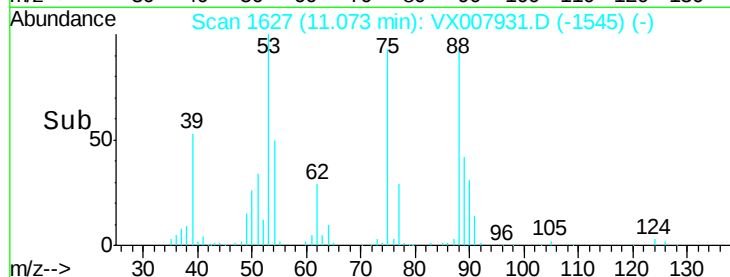
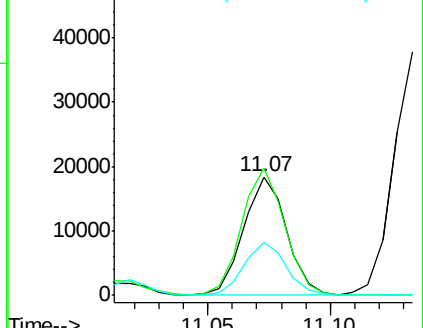
89 44.8 24.4 73.2



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: 18.838 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007931.D

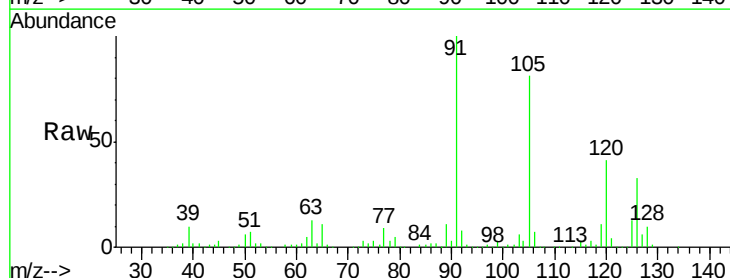
Acq: 08 Mar 2019 15:09

Tgt Ion: 91 Resp: 193031

Ion Ratio Lower Upper

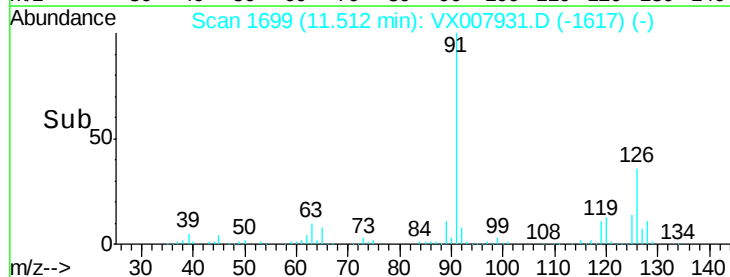
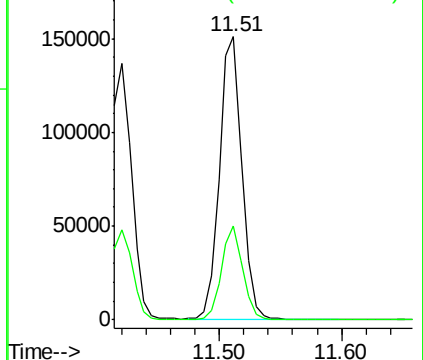
91 100

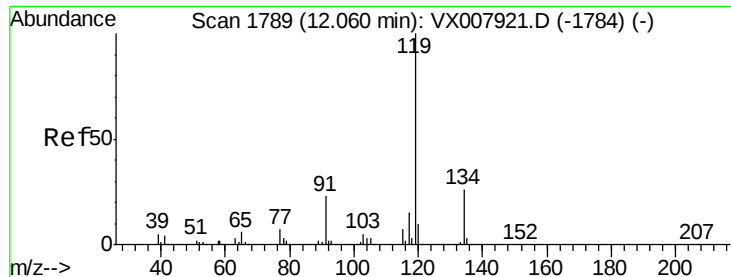
126 31.2 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

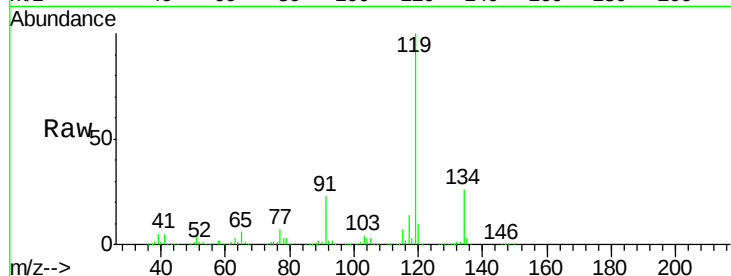




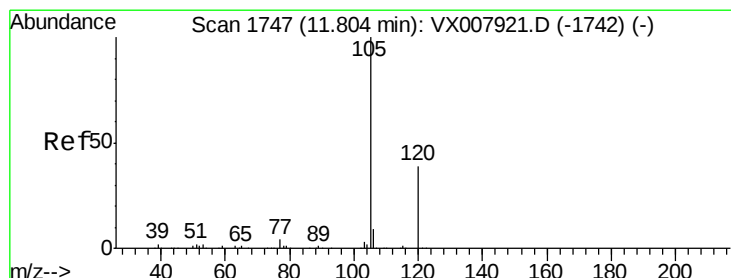
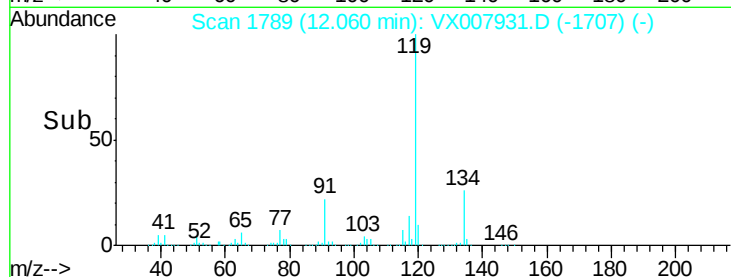
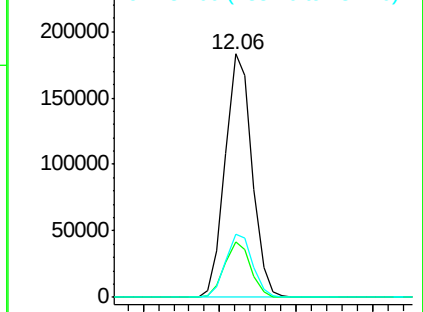
#79
tert-butylbenzene
Concen: 18.679 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	22.3	0.0	45.0
134	26.3	0.0	55.4

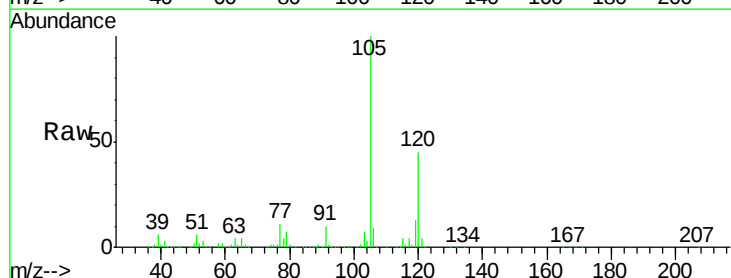


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

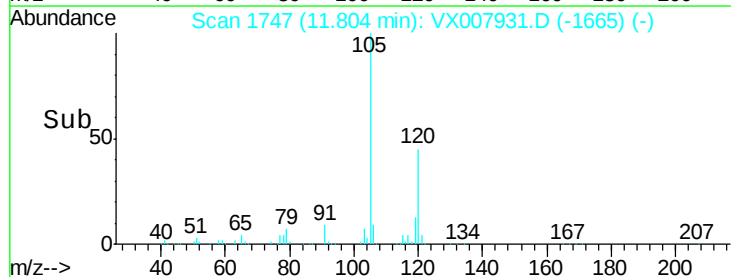
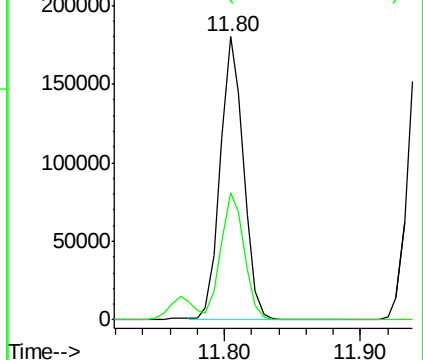


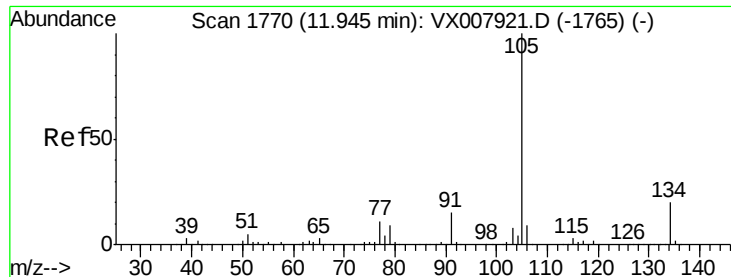
#80
1,2,4-Trimethylbenzene
Concen: 18.860 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	94.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

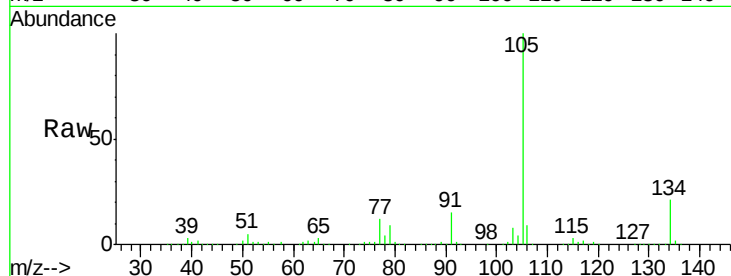




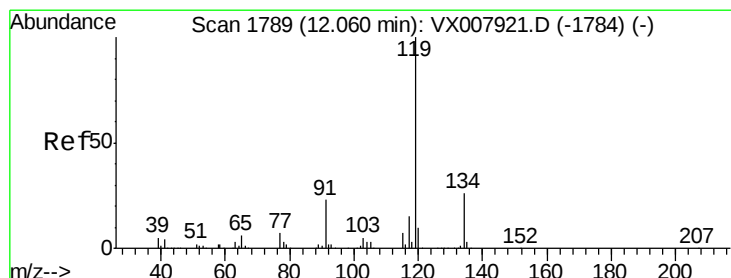
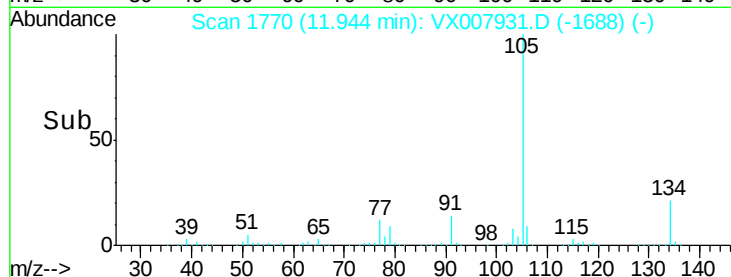
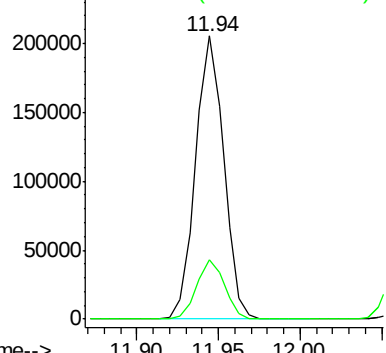
#81
 sec-Butylbenzene
 Concen: 18.525 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion:105 Resp: 247369
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.8

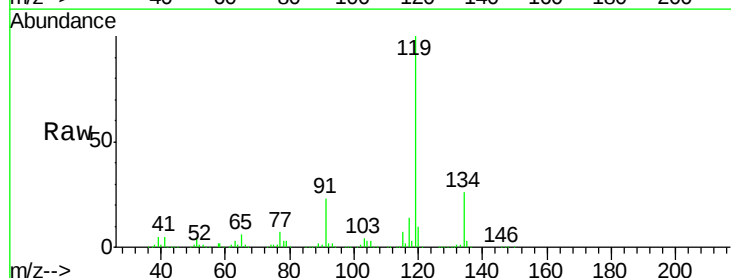


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

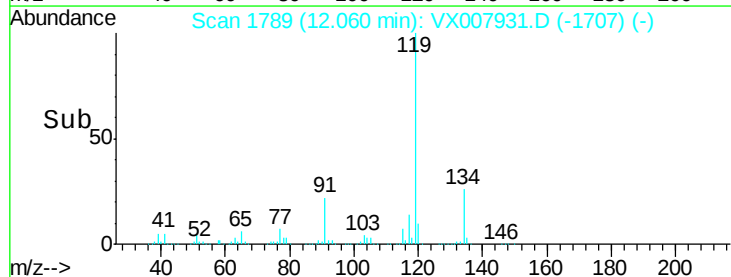
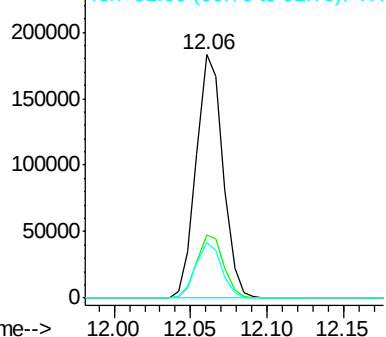


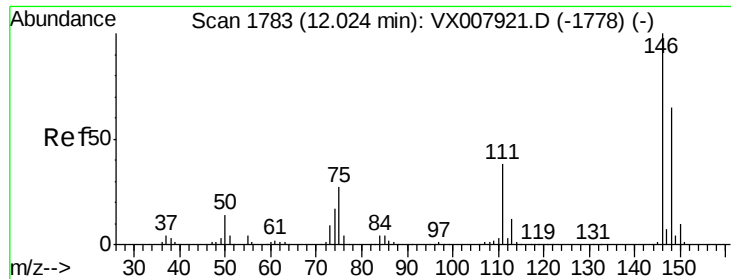
#82
 p-Isopropyltoluene
 Concen: 18.679 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion:119 Resp: 222687
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 55.4
 91 22.3 0.0 45.0



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): V

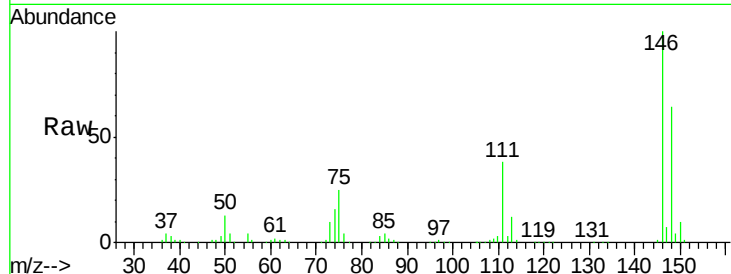




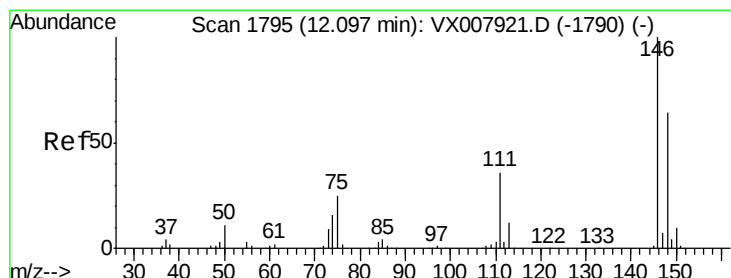
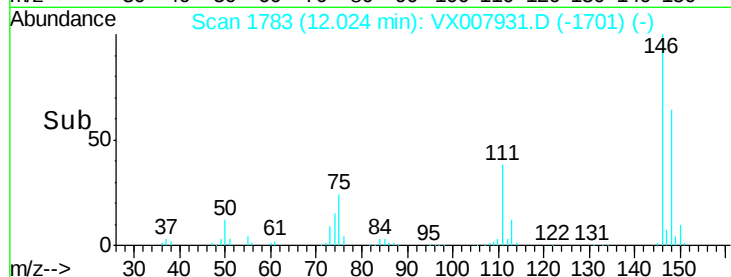
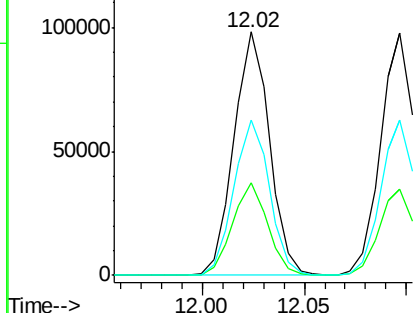
#83
 1,3-Dichlorobenzene
 Concen: 18.683 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion:146 Resp: 118541
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 63.9 30.6 91.8

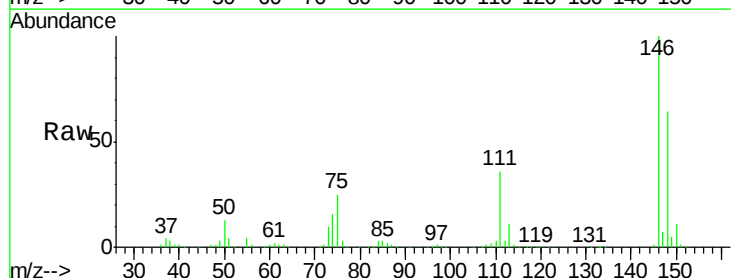


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

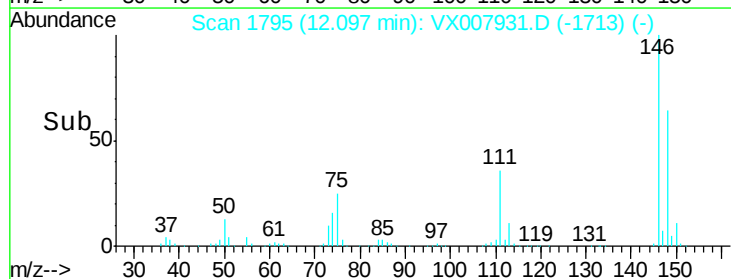
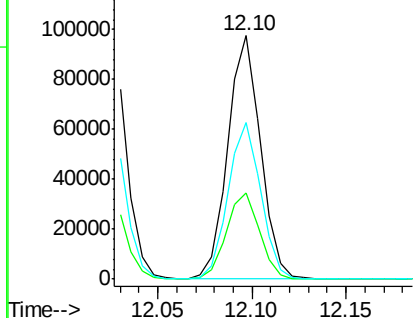


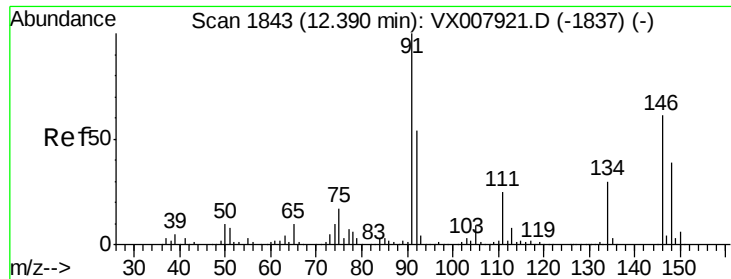
#84
 1,4-Dichlorobenzene
 Concen: 18.430 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion:146 Resp: 117001
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.6 52.8
 148 64.7 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

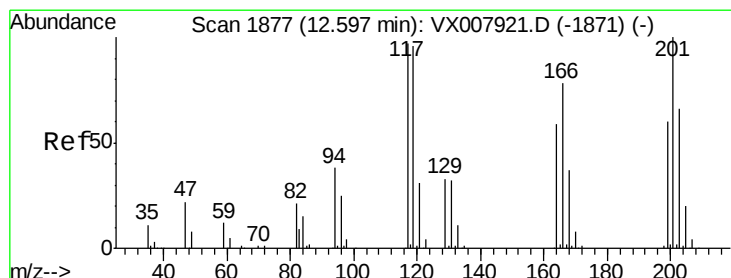
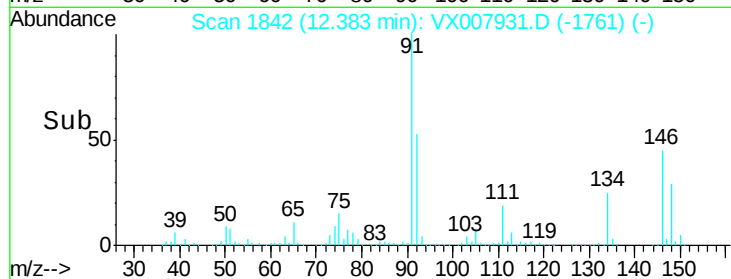
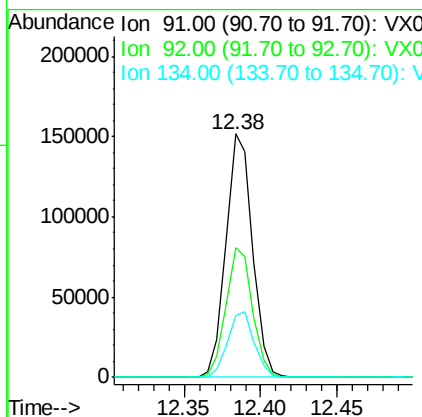
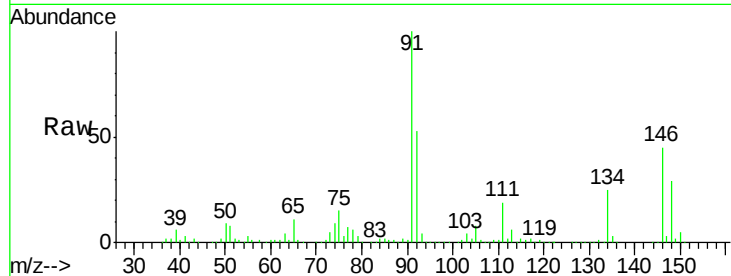




#85
n-Butylbenzene
Concen: 17.870 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

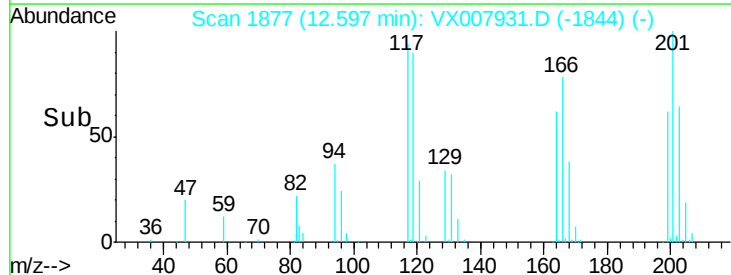
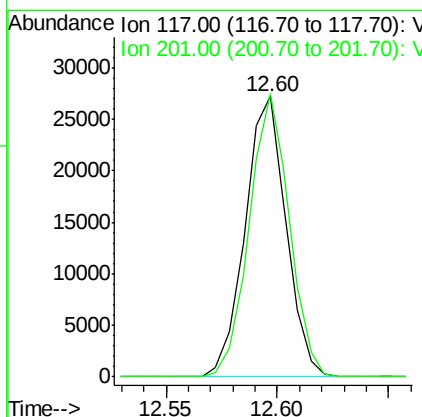
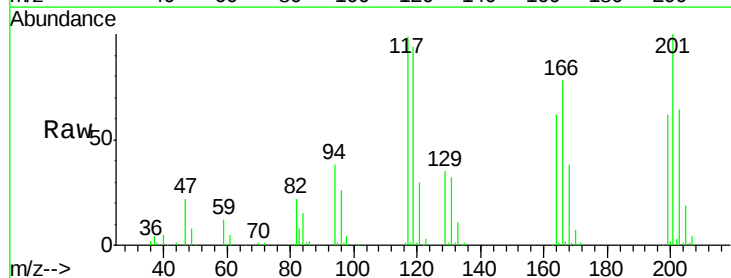
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

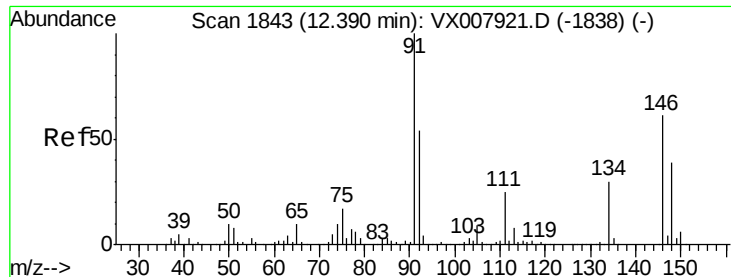
Tot Ion: 91 Resp: 182193
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 27.0 0.0 56.4



#86
Hexachloroethane
Concen: 17.972 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 117 Resp: 34910
Ion Ratio Lower Upper
117 100
201 98.1 41.1 123.3

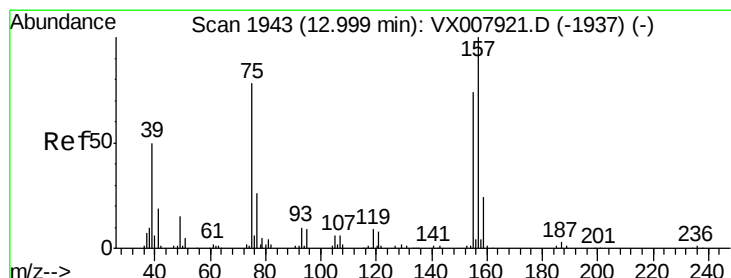
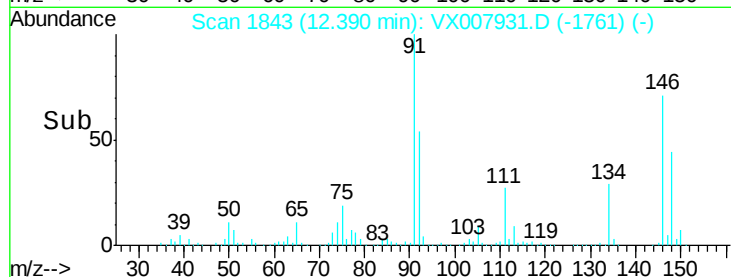
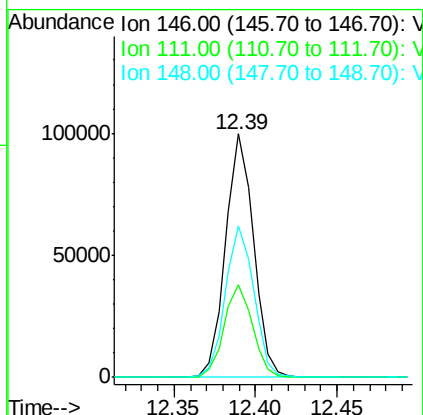
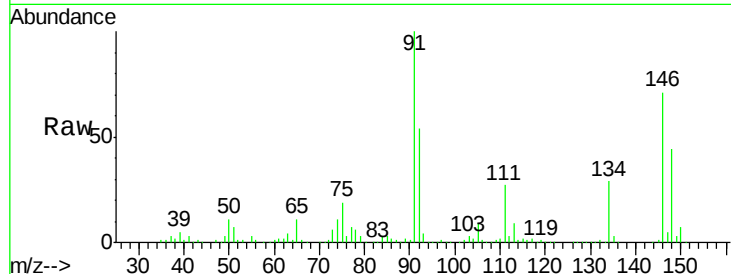




#87
 1,2-Dichlorobenzene
 Concen: 19.010 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

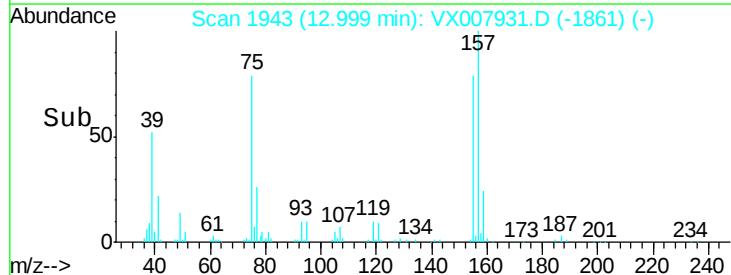
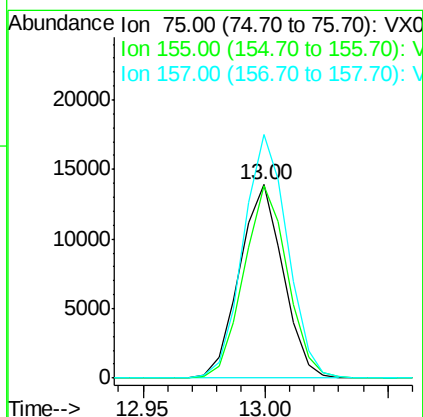
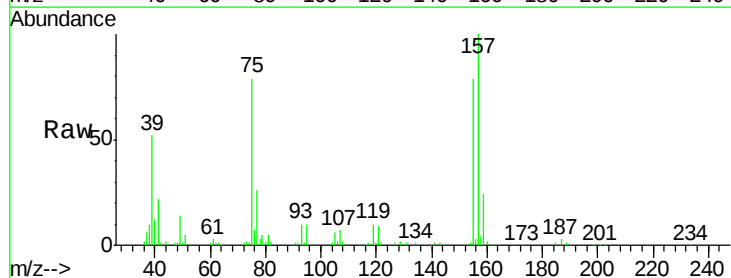
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

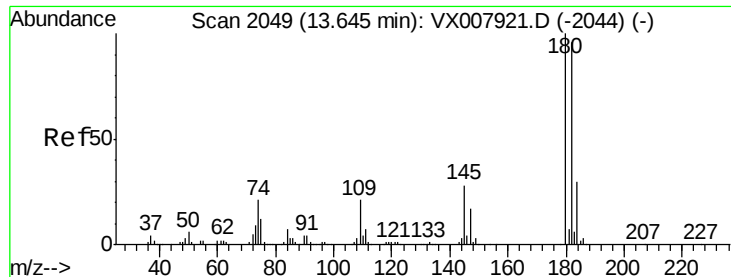
Tot Ion:146 Resp: 119202
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.8
 148 63.5 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.075 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 75 Resp: 17250
 Ion Ratio Lower Upper
 75 100
 155 99.3 81.0 121.6
 157 127.5 103.2 154.8

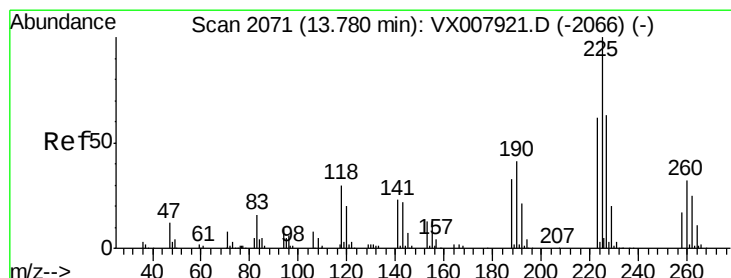
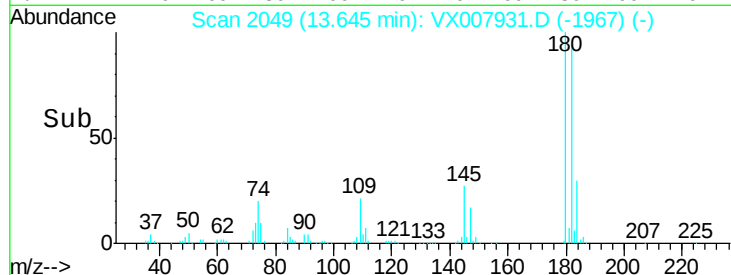
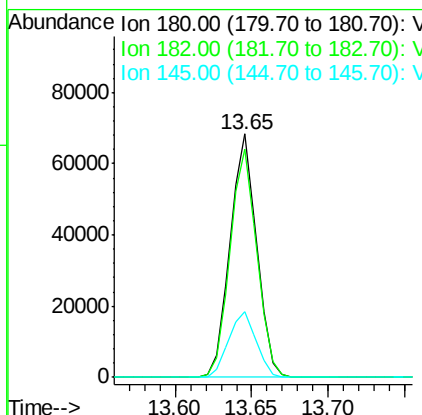
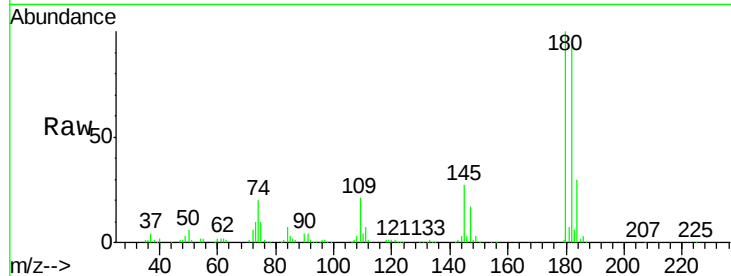




#89
 1,2,4-Trichlorobenzene
 Concen: 18.230 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

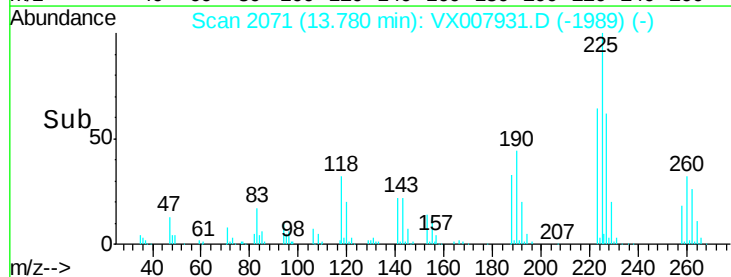
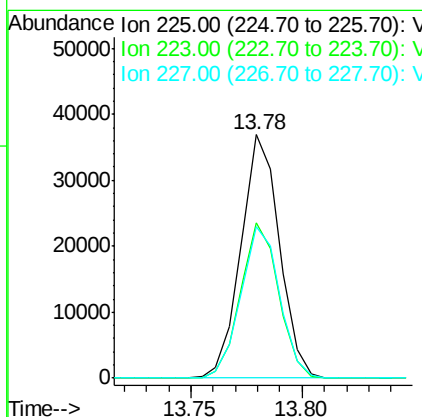
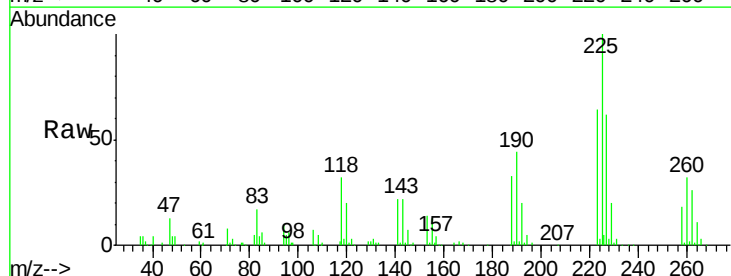
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

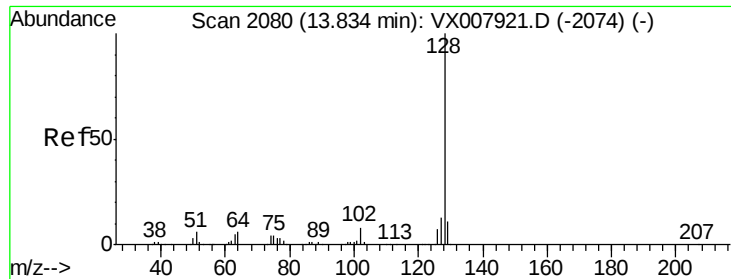
Tot Ion:180 Resp: 82152
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.6 113.4
 145 28.0 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 17.913 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion:225 Resp: 44522
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 123.8
 227 62.9 0.0 124.4

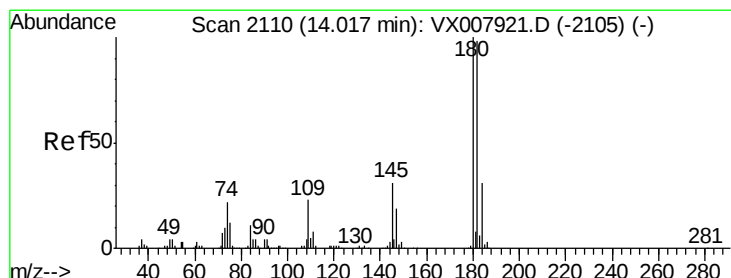
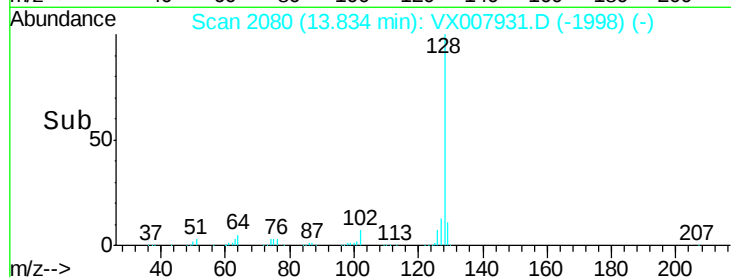
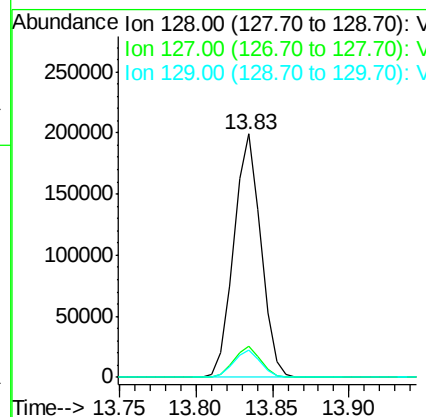
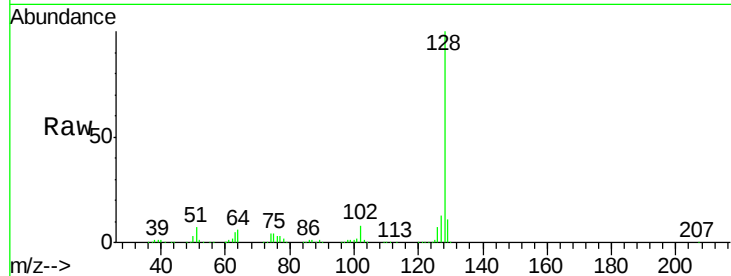




#91
Naphthalene
Concen: 18.846 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:128 Resp: 243454
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.478 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion:180 Resp: 82769
Ion Ratio Lower Upper
180 100
182 95.9 0.0 193.0
145 29.5 0.0 63.0

