

Data File : VX003391.D
Acq On : 16 Jul 2018 11:20
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jul 17 01:30:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244039	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	86827	20.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.74%	
35) Dibromofluoromethane	5.51	113	75520	20.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.68%	
50) Toluene-d8	8.72	98	275479	20.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.20%	
62) 4-Bromofluorobenzene	11.14	95	94805	19.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75612	21.082	ug/l	100
3) Chloromethane	1.32	50	75155	19.362	ug/l	100
4) Vinyl Chloride	1.40	62	85905	20.308	ug/l	100
5) Bromomethane	1.64	94	38520	23.853	ug/l	98
6) Chloroethane	1.72	64	53725	21.624	ug/l	97
7) Trichlorofluoromethane	1.93	101	116567	20.773	ug/l	99
8) Diethyl Ether	2.19	74	47694	19.865	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71294	20.115	ug/l	98
10) Methyl Iodide	2.51	142	68162	17.976	ug/l	93
11) Tert butyl alcohol	3.08	59	95783	102.350	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66380	19.818	ug/l	88
13) Acrolein	2.29	56	43270	96.388	ug/l	99
14) Allyl chloride	2.73	41	124015	20.411	ug/l	87
15) Acrylonitrile	3.15	53	213862	99.746	ug/l	99
16) Acetone	2.45	43	171406	99.030	ug/l	# 87
17) Carbon Disulfide	2.57	76	175129	19.056	ug/l	98
18) Methyl Acetate	2.78	43	123965	21.989	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	222922	20.044	ug/l	98
20) Methylene Chloride	2.86	84	75936	23.892	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	71707	19.821	ug/l	92
22) Diisopropyl ether	3.88	45	234291	19.880	ug/l	96
23) Vinyl Acetate	3.83	43	972636	100.068	ug/l	97
24) 1,1-Dichloroethane	3.70	63	135109	20.208	ug/l	98
25) 2-Butanone	4.72	43	273512	100.973	ug/l	93
26) 2,2-Dichloropropane	4.59	77	95227	20.291	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	77941	20.024	ug/l	93
28) Bromochloromethane	5.02	49	60694	20.910	ug/l	88
29) Tetrahydrofuran	5.18	42	174457	101.554	ug/l	91
30) Chloroform	5.22	83	125867	20.430	ug/l	99
31) Cyclohexane	5.57	56	104627	20.264	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	108137	20.637	ug/l	97
36) 1,1-Dichloropropene	5.80	75	90949	20.051	ug/l	98
37) Ethyl Acetate	4.87	43	102032	19.962	ug/l	95
38) Carbon Tetrachloride	5.79	117	93914	20.347	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103233	19.883	ug/l	95
40) Benzene	6.15	78	283318	20.530	ug/l	98
41) Methacrylonitrile	5.07	41	56496	20.100	ug/l	93
42) 1,2-Dichloroethane	6.20	62	96532	20.397	ug/l	95
43) Isopropyl Acetate	6.48	43	155679	20.181	ug/l	94
44) Trichloroethene	7.22	130	80668	20.178	ug/l	97
45) 1,2-Dichloropropane	7.52	63	73295	20.417	ug/l	99
46) Dibromomethane	7.67	93	47262	19.772	ug/l	97
47) Bromodichloromethane	7.90	83	87883	20.077	ug/l	100
48) Methyl methacrylate	7.79	41	79909	20.304	ug/l	87
49) 1,4-Dioxane	7.77	88	36775	408.111	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	529259	104.224	ug/l	94
52) Toluene	8.79	92	176555	20.433	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	105090	20.333	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	95177	20.177	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	74175	20.547	ug/l	97
56) Ethyl methacrylate	9.19	69	102829	20.117	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	118790	20.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	267205	104.249	ug/l	98
59) 2-Hexanone	9.50	43	406607	104.216	ug/l	91
60) Dibromochloromethane	9.59	129	71143	19.834	ug/l	99
61) 1,2-Dibromoethane	9.68	107	76100	20.451	ug/l	99
64) Tetrachloroethene	9.34	164	91492	21.120	ug/l	98
65) Chlorobenzene	10.14	112	198765	20.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73006	20.997	ug/l	99
67) Ethyl Benzene	10.26	91	332054	20.770	ug/l	100
68) m/p-Xylenes	10.37	106	259243	41.920	ug/l	96
69) o-Xylene	10.70	106	125805	21.179	ug/l	96
70) Styrene	10.71	104	206420	21.116	ug/l	97
71) Bromoform	10.86	173	56125	20.066	ug/l #	99
73) Isopropylbenzene	11.02	105	333170	21.322	ug/l	99
74) N-amyl acetate	6.48	43	155679	20.717	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	107771	20.894	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	124987	28.291	ug/l	80
77) Bromobenzene	11.26	156	91697	20.662	ug/l	98
78) n-propylbenzene	11.37	91	376372	21.560	ug/l	100
79) 2-Chlorotoluene	11.43	91	227161	21.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	275729	21.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27654	20.335	ug/l	96
82) 4-Chlorotoluene	11.51	91	263455	21.098	ug/l	98
83) tert-Butylbenzene	11.77	119	262655	21.054	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	279744	21.334	ug/l	98
85) sec-Butylbenzene	11.95	105	319237	21.094	ug/l	100
86) p-Isopropyltoluene	12.07	119	286983	21.303	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	164267	20.223	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	166229	20.153	ug/l	100
89) n-Butylbenzene	12.39	91	227435	19.819	ug/l	99
90) Hexachloroethane	12.60	117	38164	18.697	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	161681	19.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21024	19.593	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106288	19.040	ug/l	98
94) Hexachlorobutadiene	13.79	225	51407	19.131	ug/l	99
95) Naphthalene	13.84	128	324977	20.310	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112978	19.676	ug/l	100

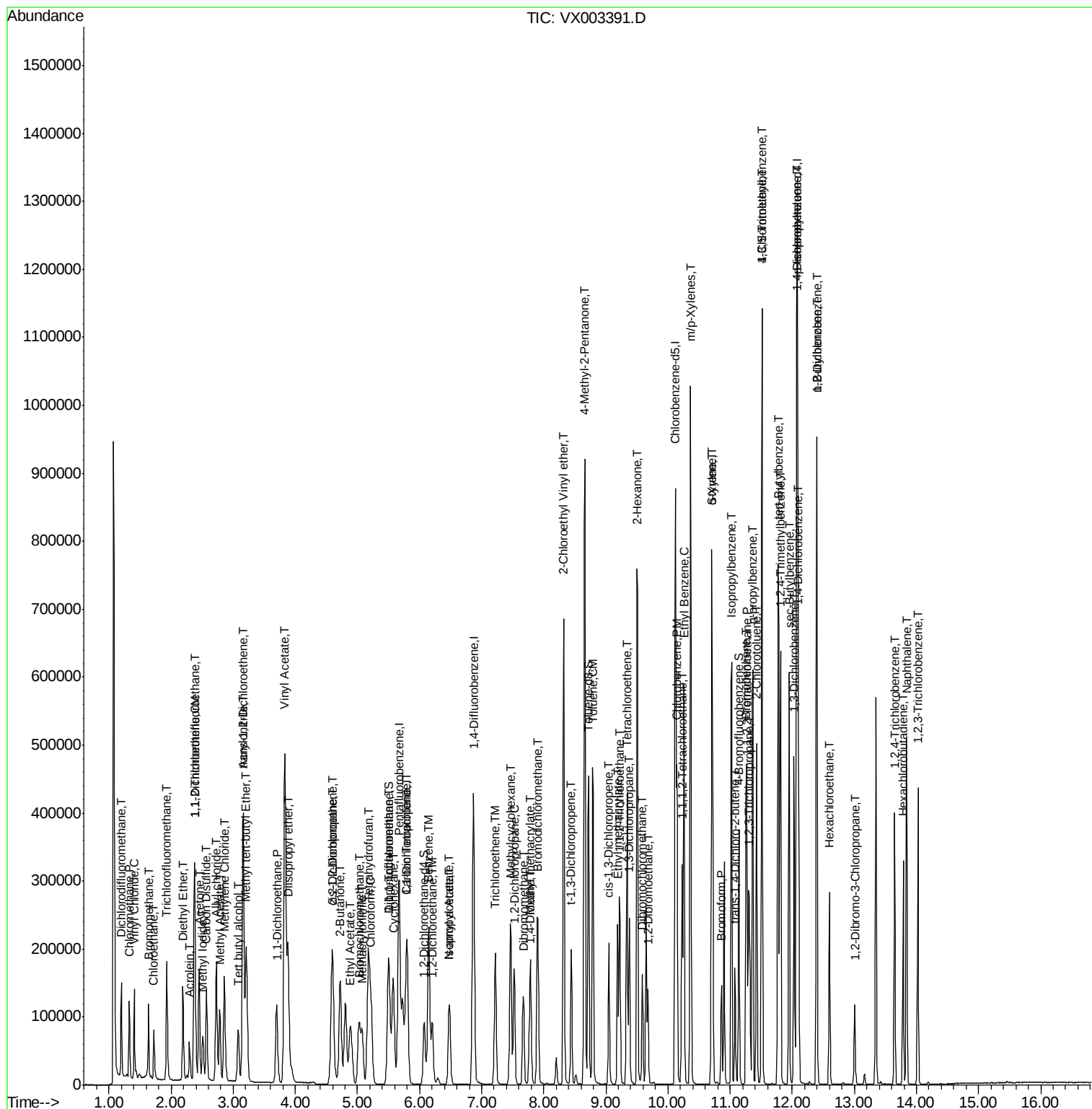
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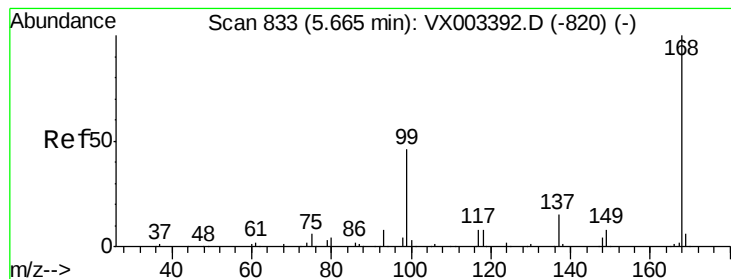
Data File : VX003391.D

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Acq On       : 16 Jul 2018   11:20
Operator    : JC/MD
Sample      : VSTDICC020
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 4      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jul 17 01:30:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

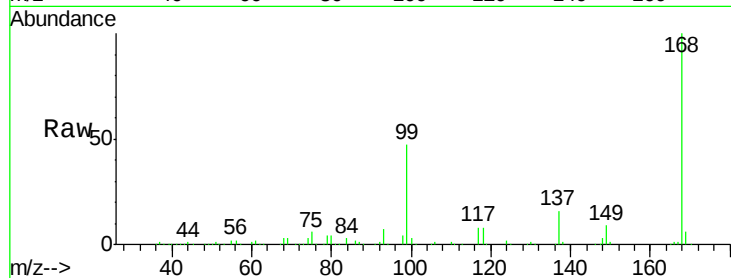
VSTDIC020

Tgt Ion:168 Resp: 317758

Ion Ratio Lower Upper

168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

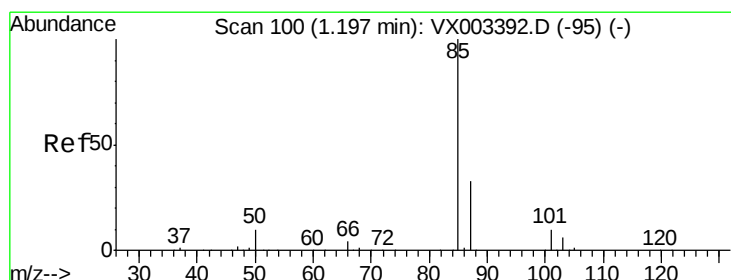
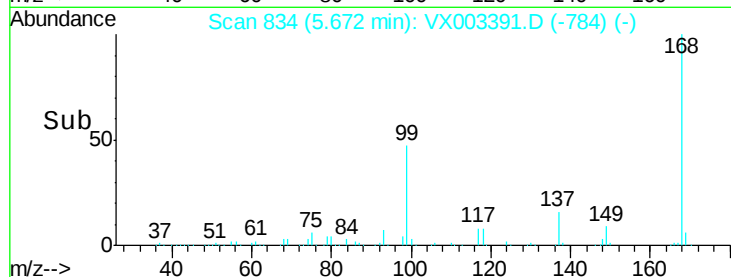
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.082 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003391.D

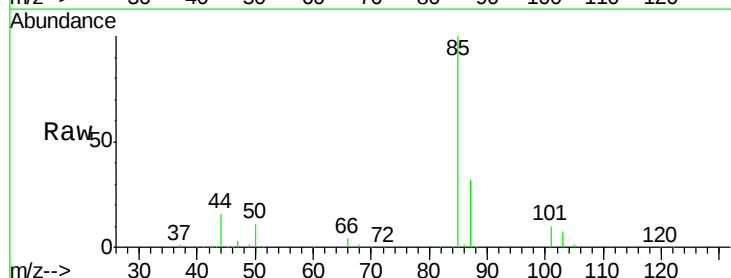
Acq: 16 Jul 2018 11:20

Tgt Ion: 85 Resp: 75612

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

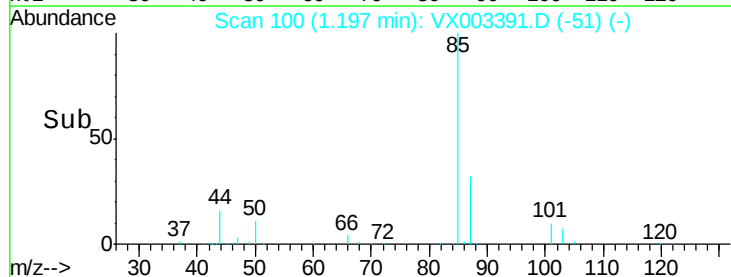
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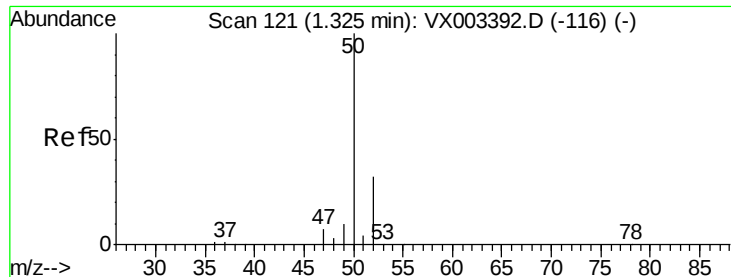
40000

20000

0

Time--> 1.15 1.20 1.25

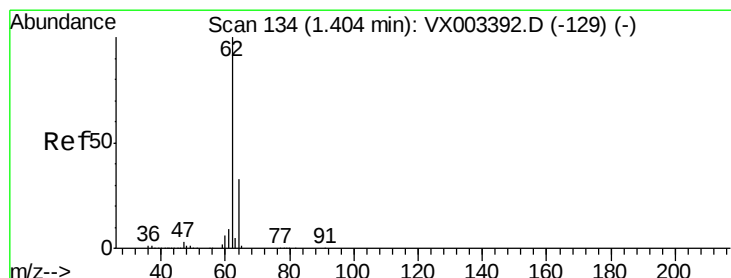
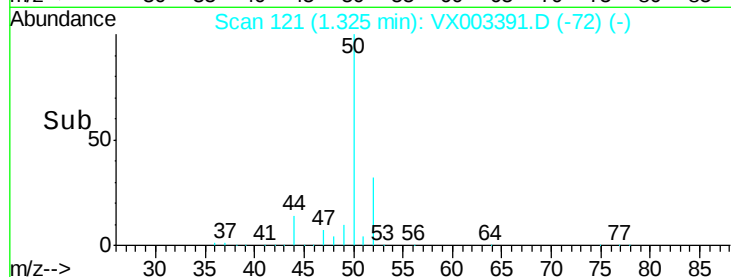
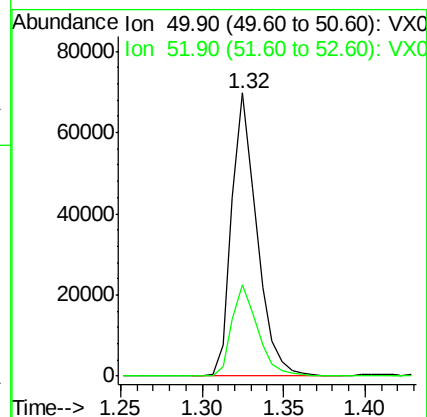
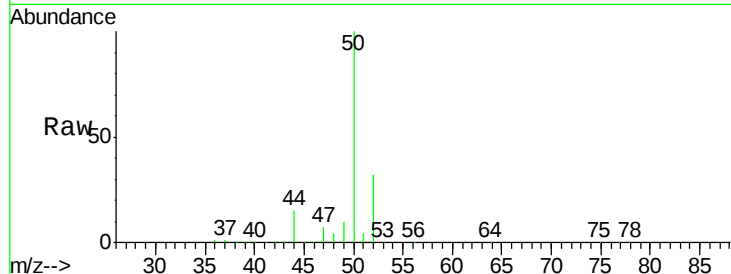




#3
Chloromethane
Concen: 19.362 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

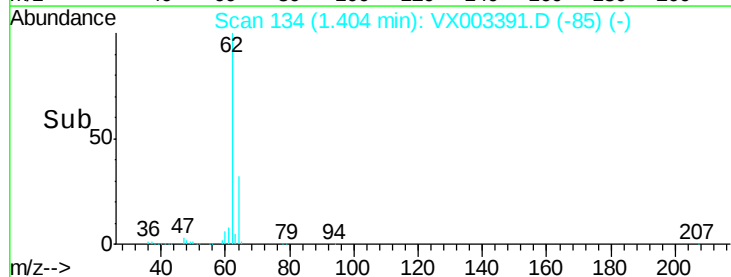
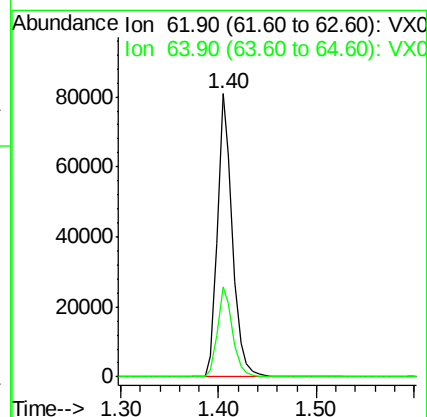
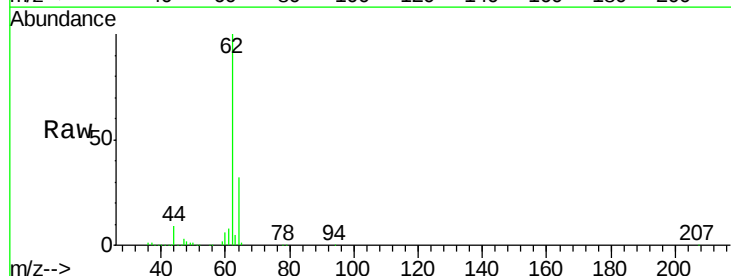
Instrument :
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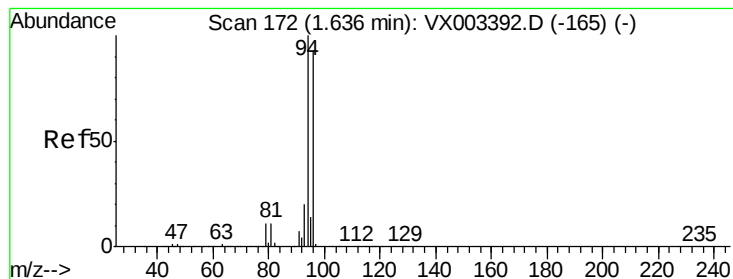
Tgt Ion: 50 Resp: 75155
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 20.308 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 62 Resp: 85905
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 23.853 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

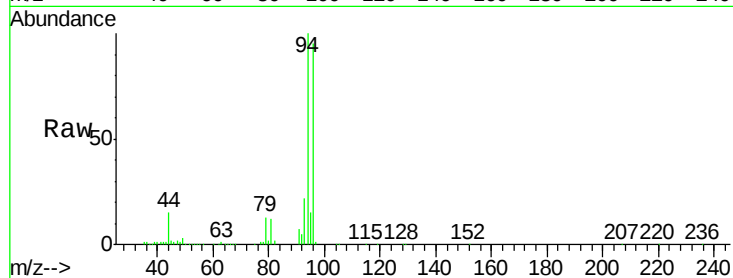
VSTDIC020

Tgt Ion: 94 Resp: 38520

Ion Ratio Lower Upper

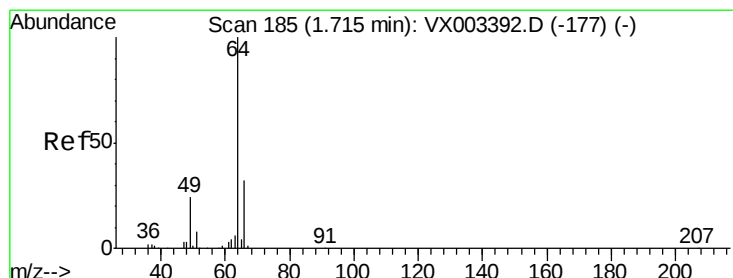
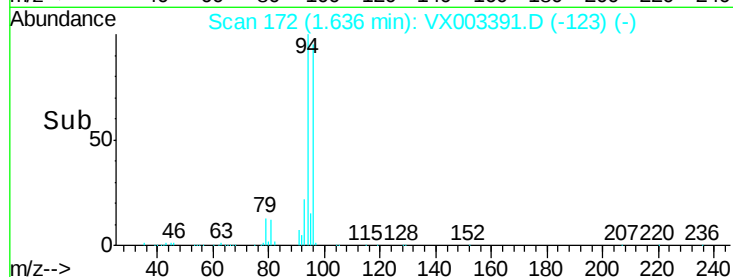
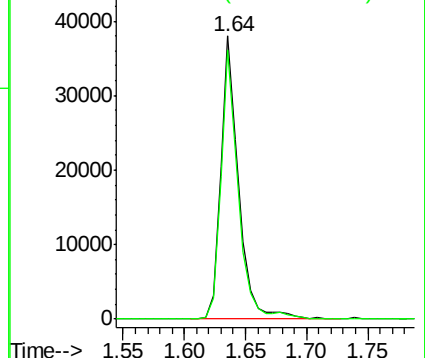
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.624 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003391.D

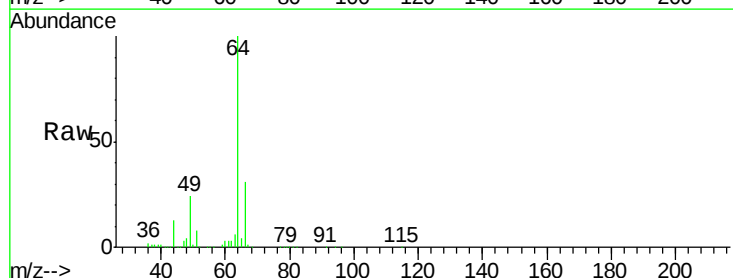
Acq: 16 Jul 2018 11:20

Tgt Ion: 64 Resp: 53725

Ion Ratio Lower Upper

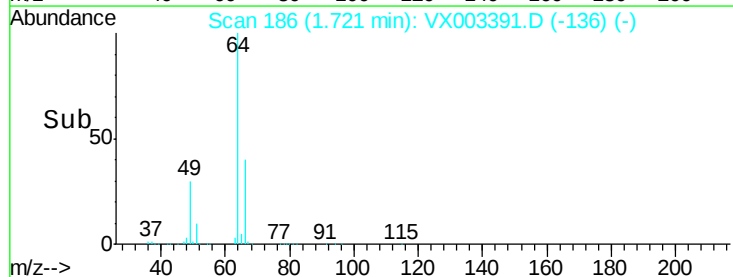
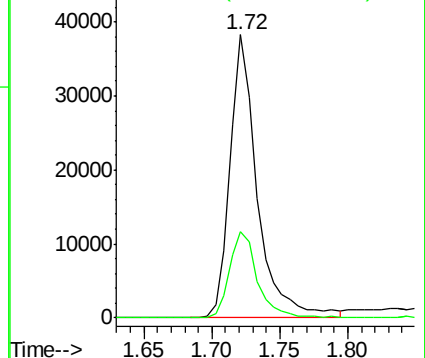
64 100

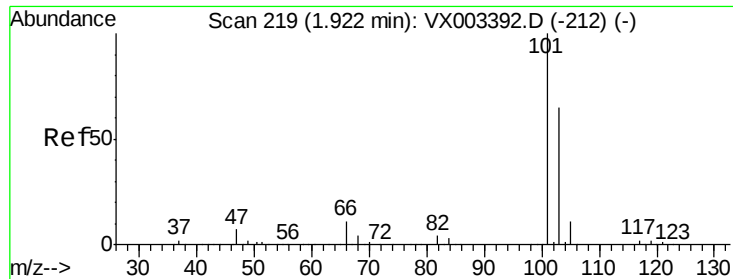
66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



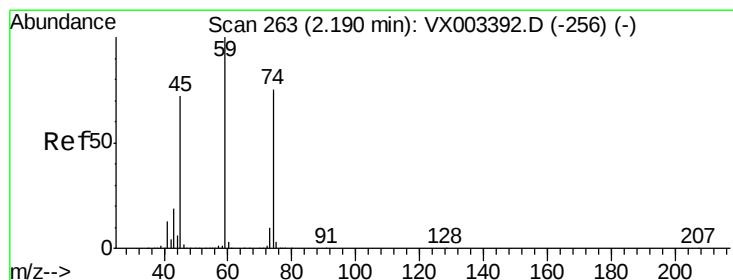
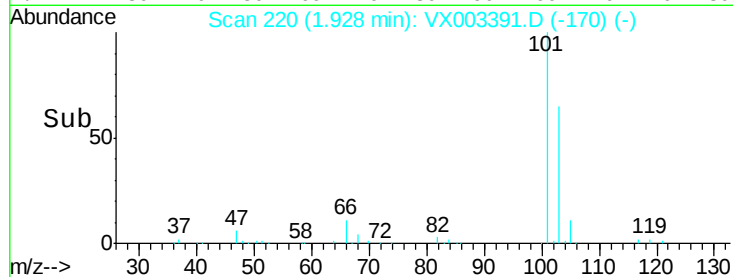
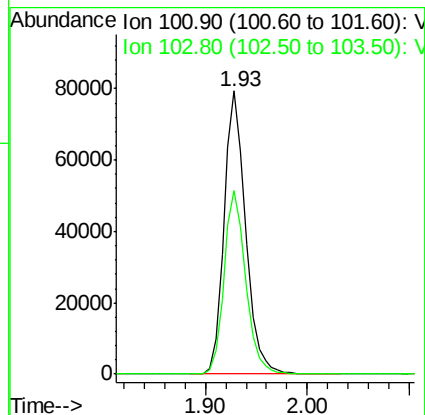
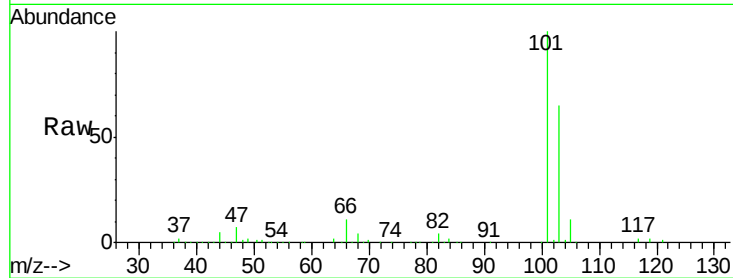


#7

Trichlorofluoromethane
Concen: 20.773 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

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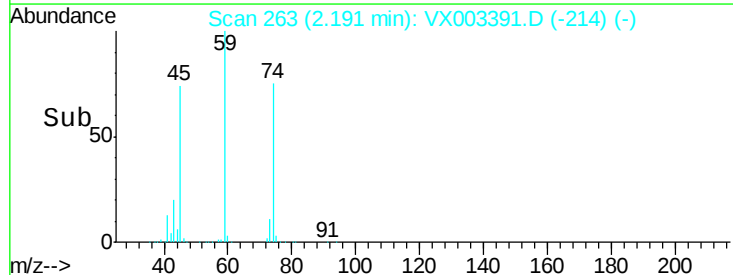
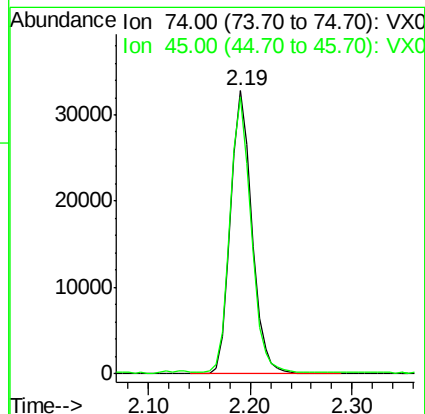
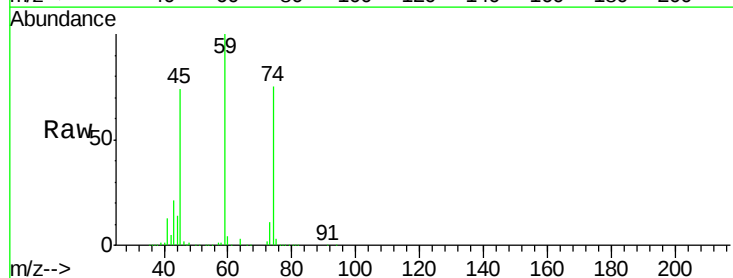
Tgt Ion:101 Resp: 116567
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2

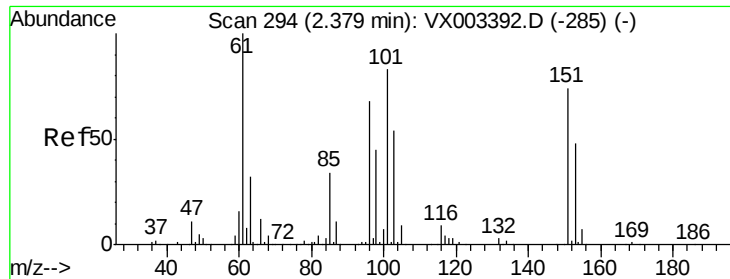


#8

Diethyl Ether
Concen: 19.865 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 74 Resp: 47694
Ion Ratio Lower Upper
74 100
45 96.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.115 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

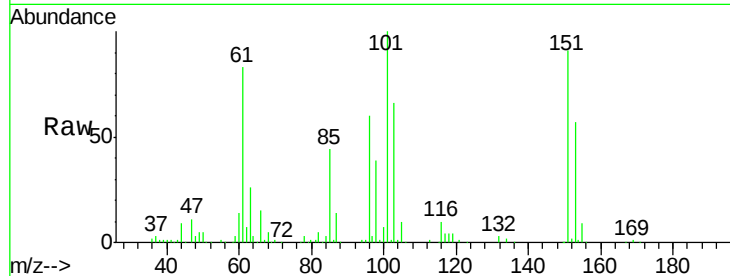
Tgt Ion:101 Resp: 71294

Ion Ratio Lower Upper

101 100

85 42.4 36.0 54.0

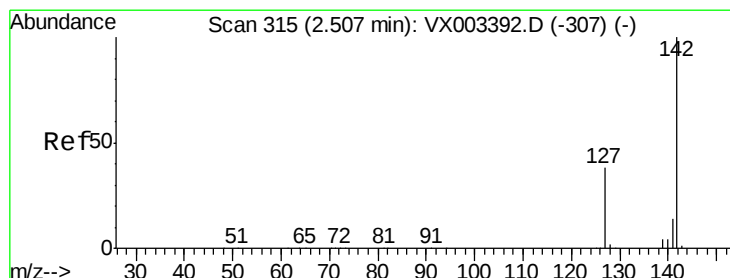
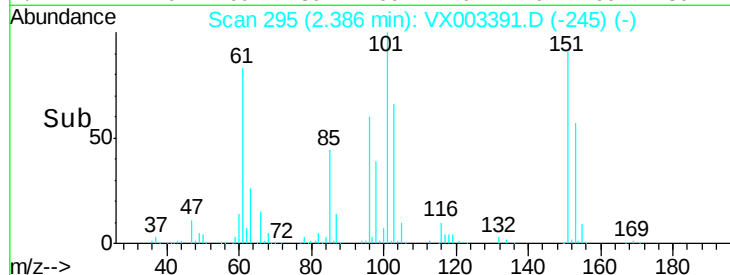
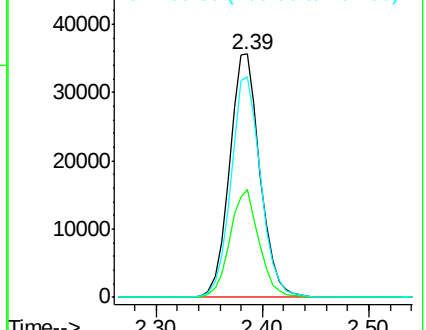
151 88.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.976 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

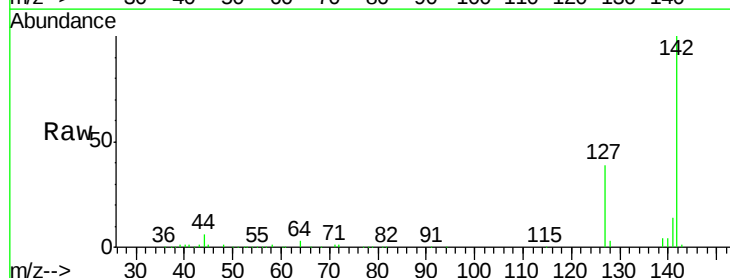
Tgt Ion:142 Resp: 68162

Ion Ratio Lower Upper

142 100

127 40.2 36.6 55.0

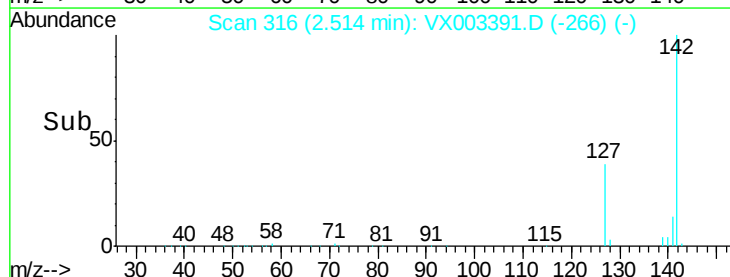
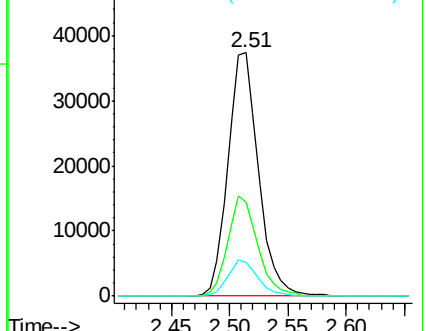
141 14.4 11.3 16.9

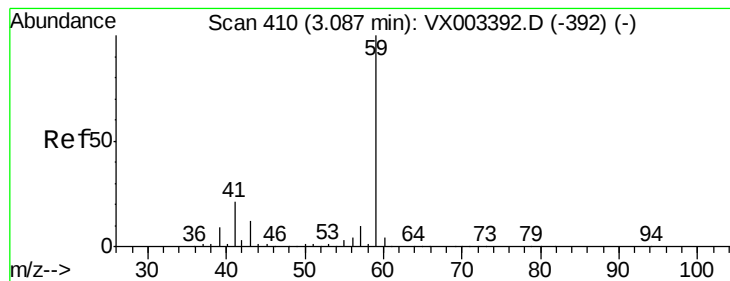


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



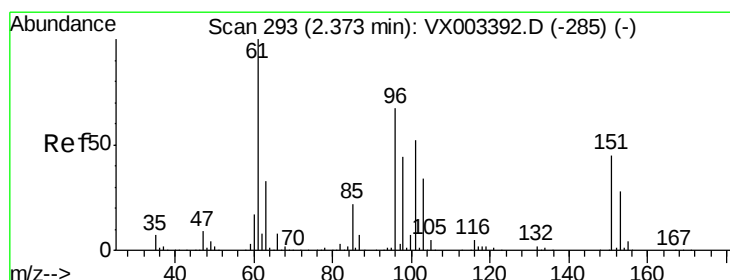
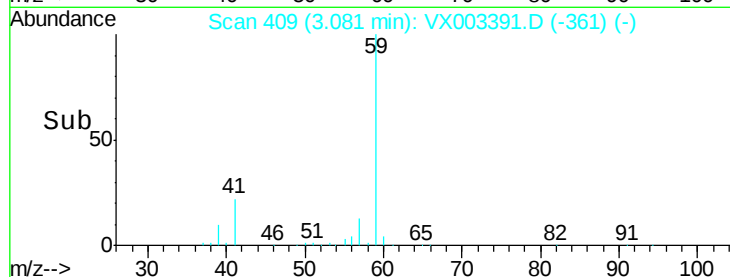
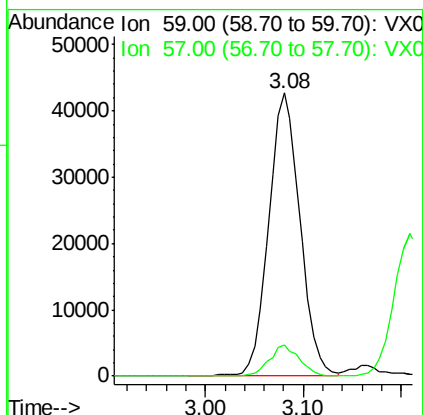
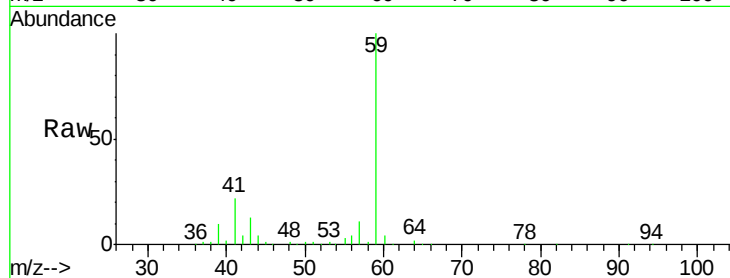


#11

Tert butyl alcohol
 Concen: 102.350 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

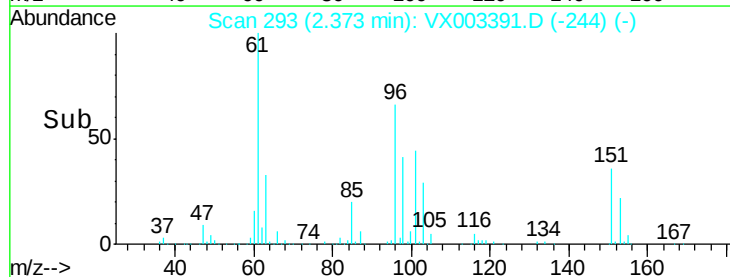
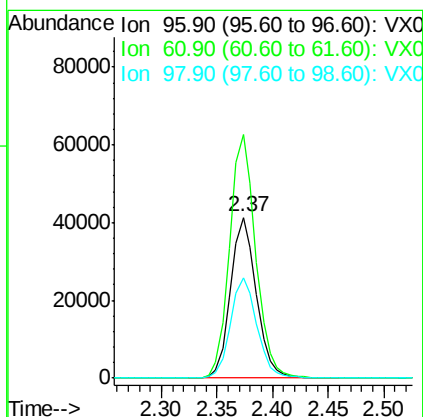
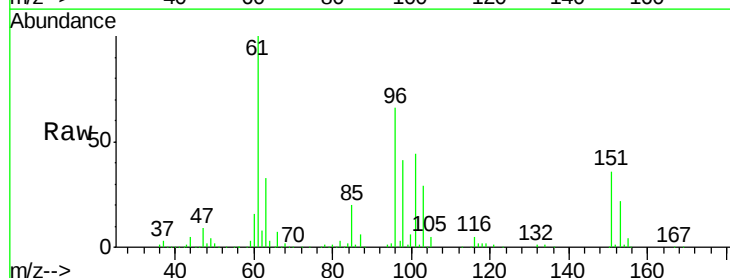
Tgt Ion: 59 Resp: 95783
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

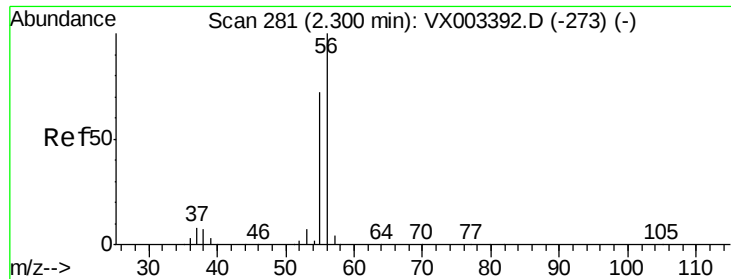


#12

1,1-Dichloroethene
 Concen: 19.818 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 96 Resp: 66380
 Ion Ratio Lower Upper
 96 100
 61 151.7 137.9 206.9
 98 62.6 51.6 77.4





#13

Acrolein

Concen: 96.388 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

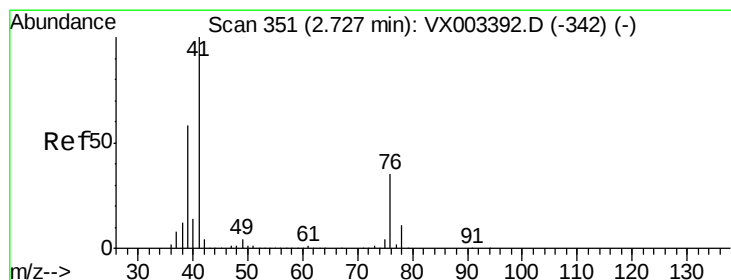
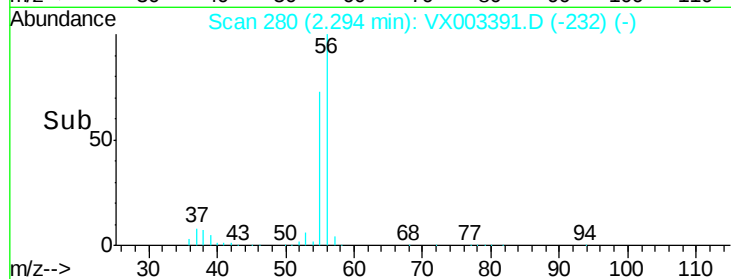
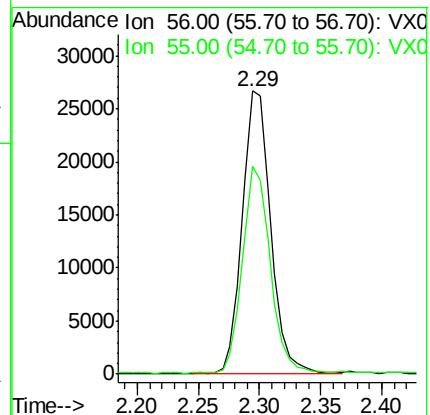
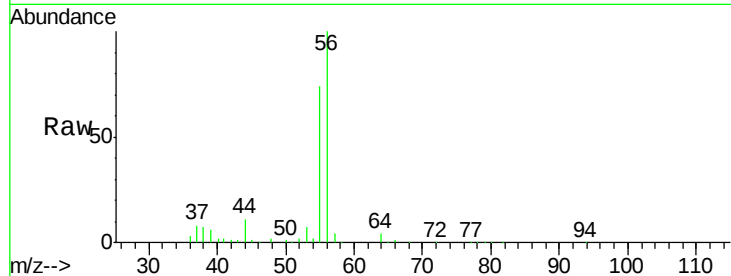
VSTDIC020

Tgt Ion: 56 Resp: 43270

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 20.411 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

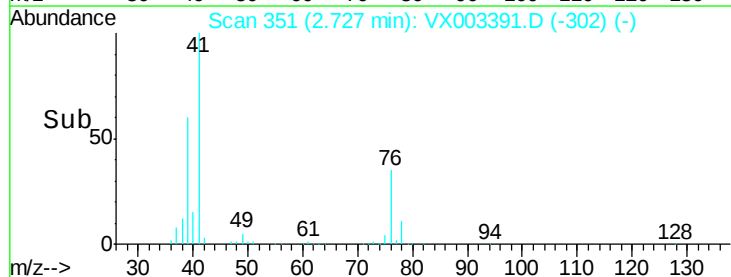
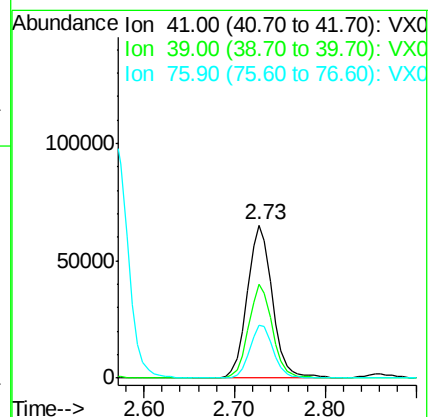
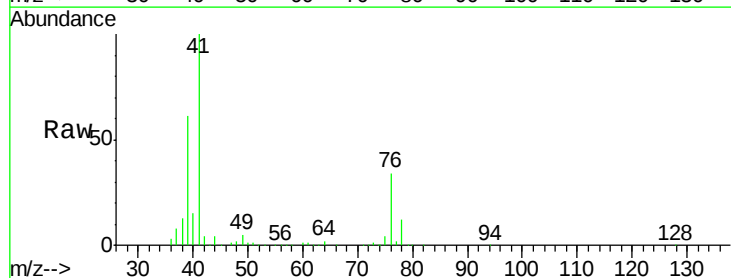
Tgt Ion: 41 Resp: 124015

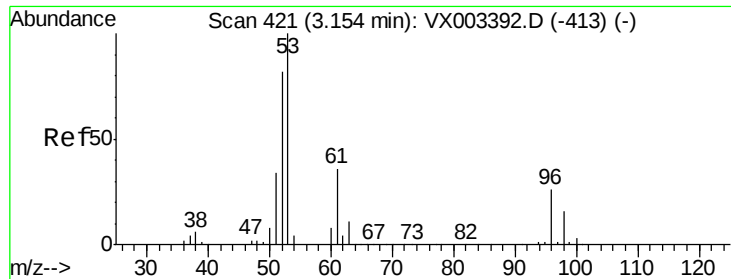
Ion Ratio Lower Upper

41 100

39 57.8 56.8 85.2

76 32.9 23.8 35.8





#15

Acrylonitrile

Concen: 99.746 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

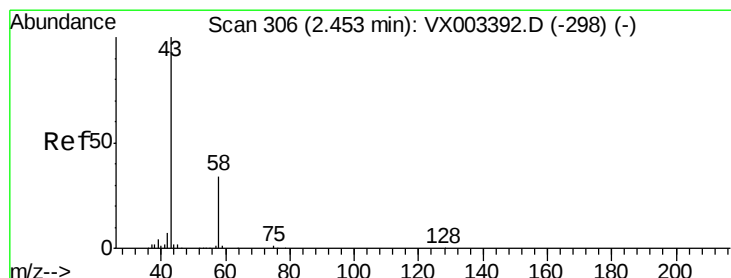
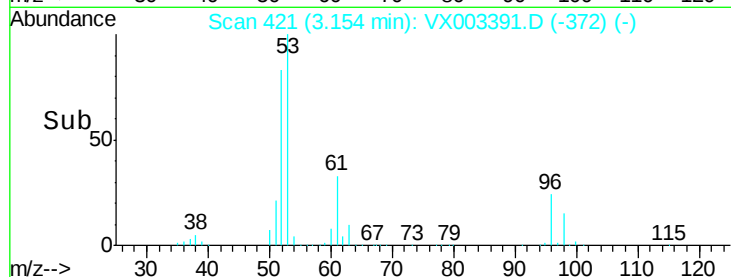
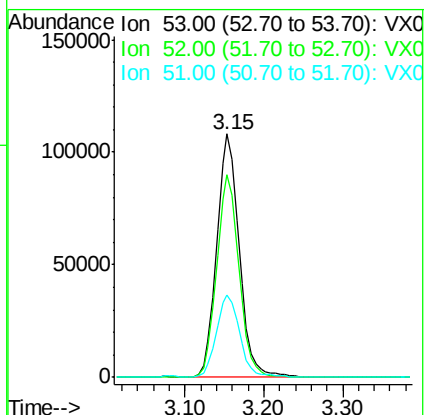
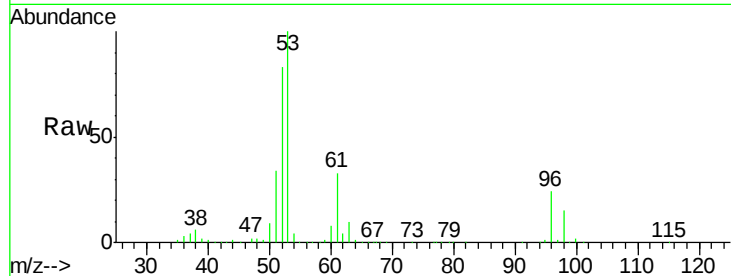
Tgt Ion: 53 Resp: 213862

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 35.6 29.9 44.9



#16

Acetone

Concen: 99.030 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003391.D

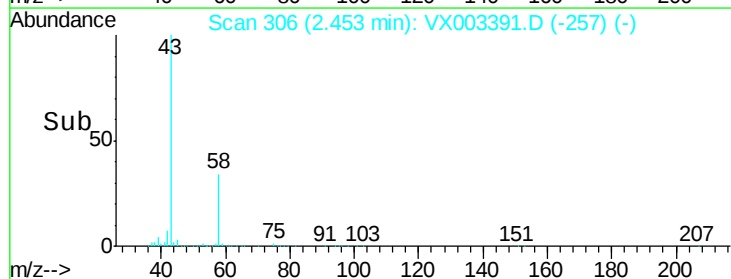
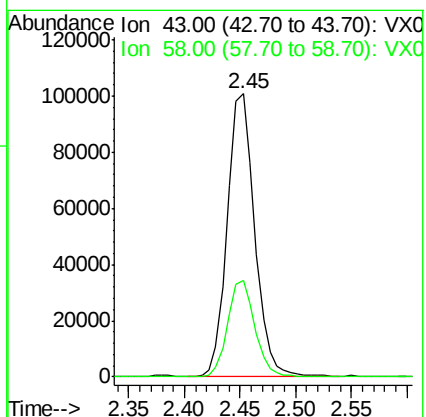
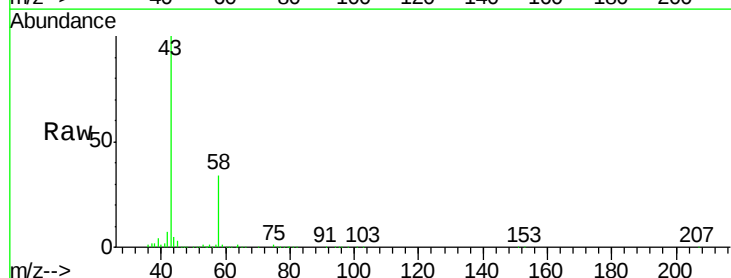
Acq: 16 Jul 2018 11:20

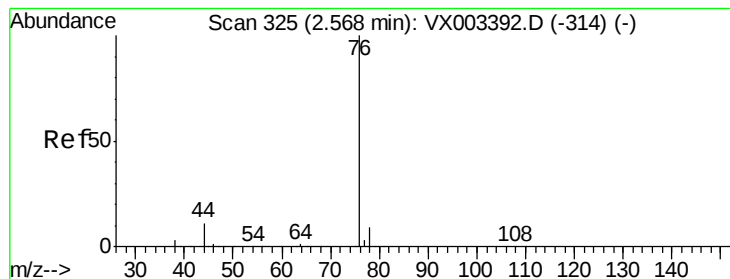
Tgt Ion: 43 Resp: 171406

Ion Ratio Lower Upper

43 100

58 34.2 22.1 33.1#





#17

Carbon Disulfide

Concen: 19.056 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

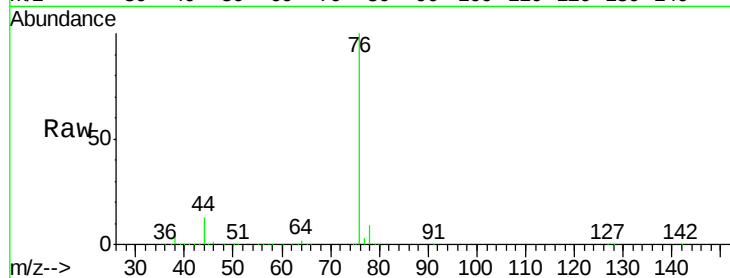
VSTDIC020

Tgt Ion: 76 Resp: 175129

Ion Ratio Lower Upper

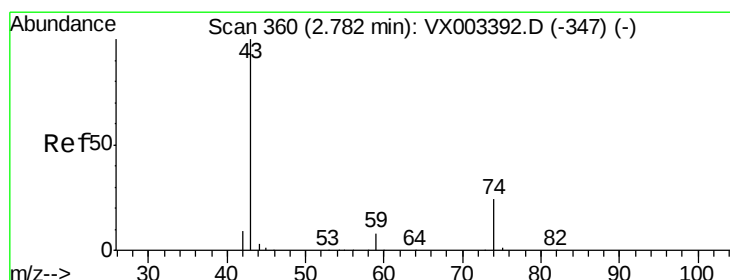
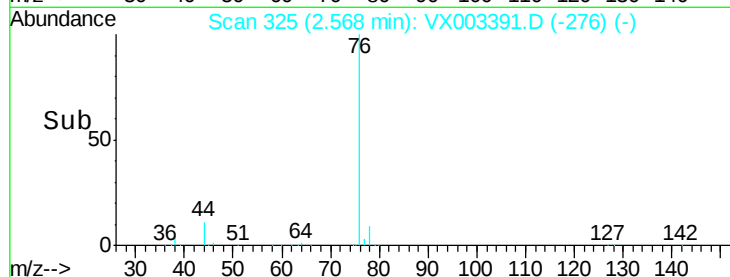
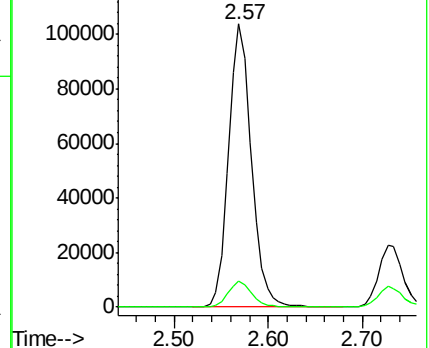
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.989 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003391.D

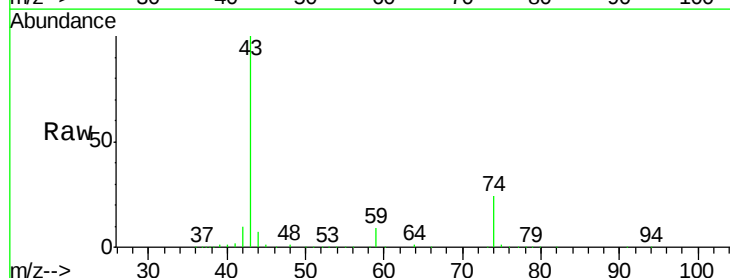
Acq: 16 Jul 2018 11:20

Tgt Ion: 43 Resp: 123965

Ion Ratio Lower Upper

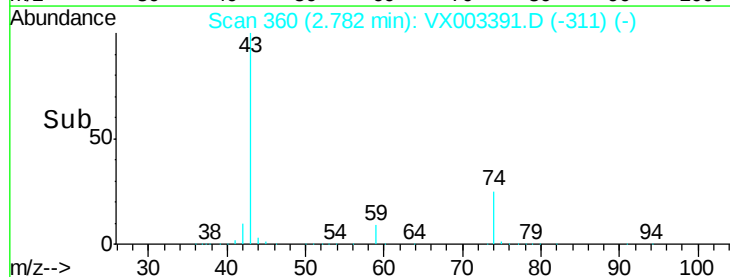
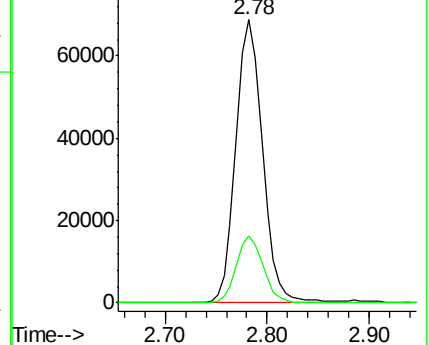
43 100

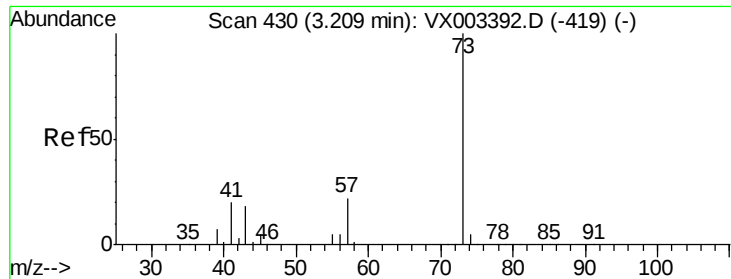
74 23.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



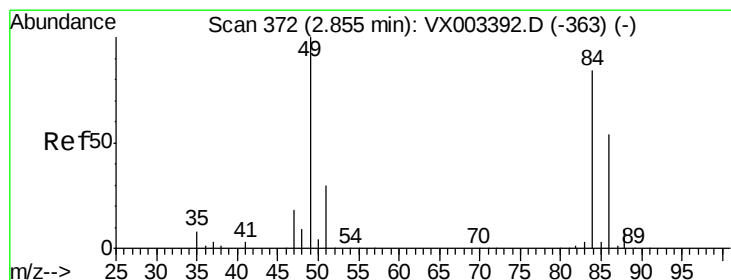
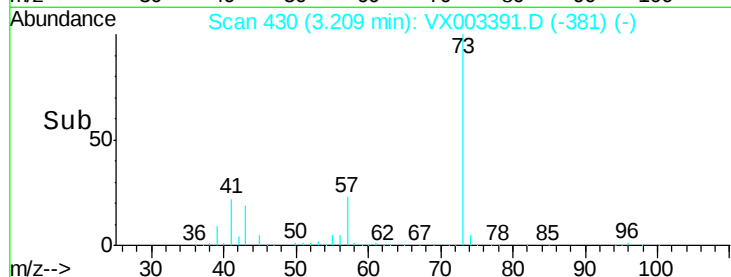
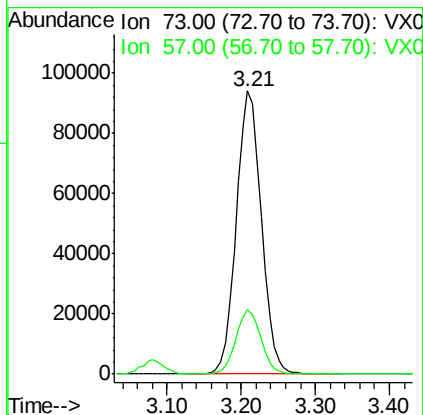
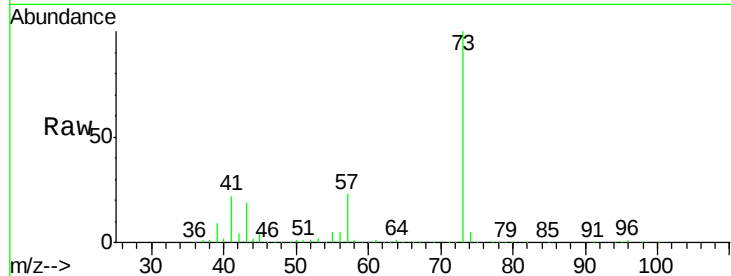


#19

Methyl tert-butyl Ether
 Concen: 20.044 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

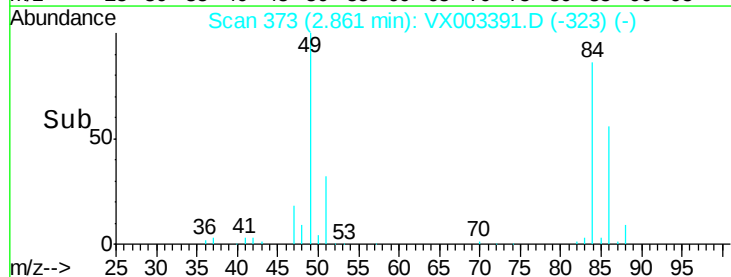
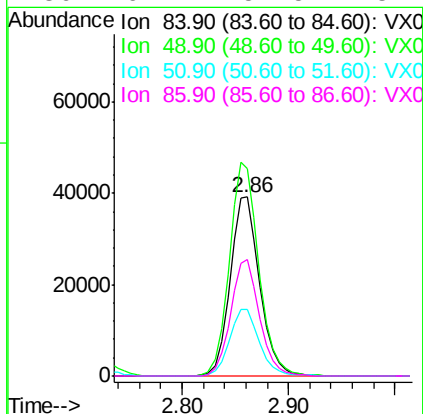
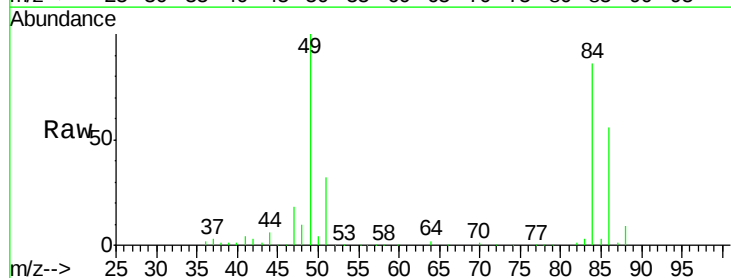
Tgt Ion: 73 Resp: 222922
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.7 26.5

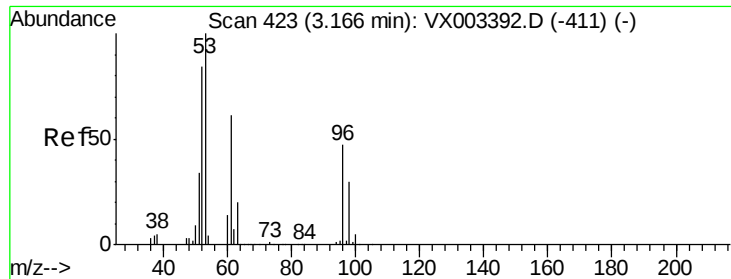


#20

Methylene Chloride
 Concen: 23.892 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 84 Resp: 75936
 Ion Ratio Lower Upper
 84 100
 49 116.1 107.8 161.6
 51 36.9 32.8 49.2
 86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.821 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

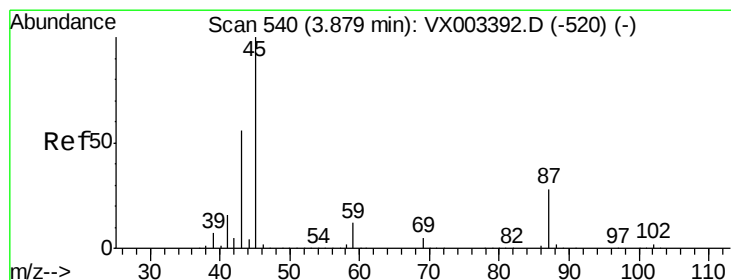
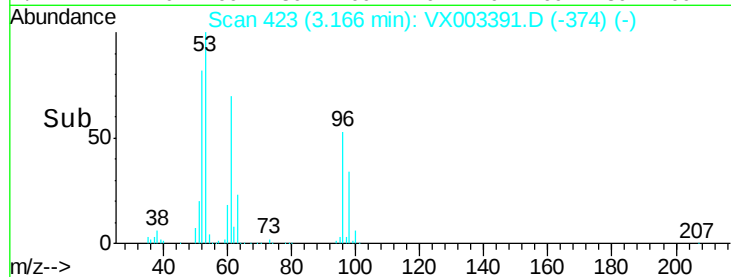
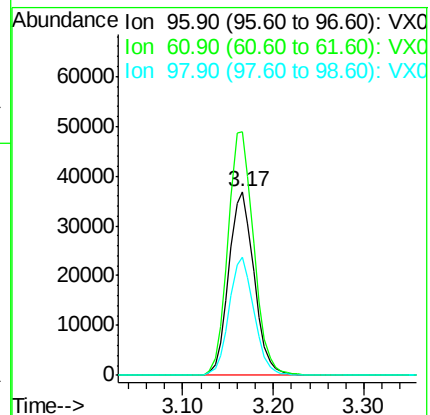
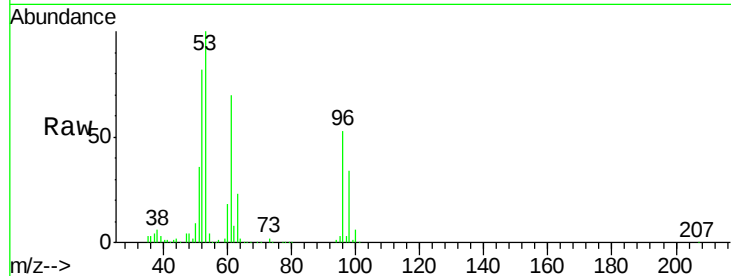
Tgt Ion: 96 Resp: 71707

Ion Ratio Lower Upper

96 100

61 132.3 117.0 175.4

98 64.1 52.4 78.6



#22

Diisopropyl ether

Concen: 19.880 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Tgt Ion: 45 Resp: 234291

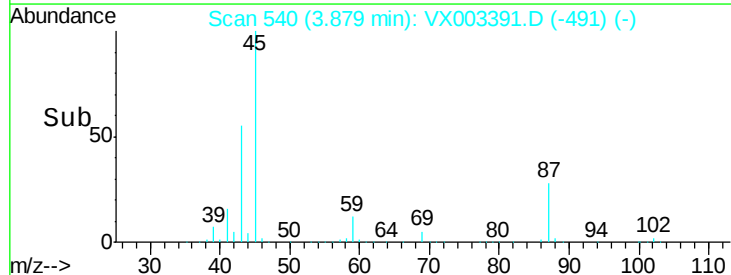
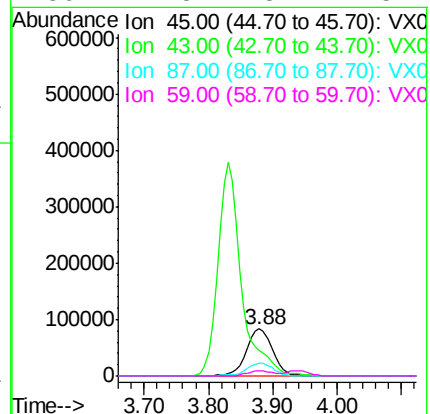
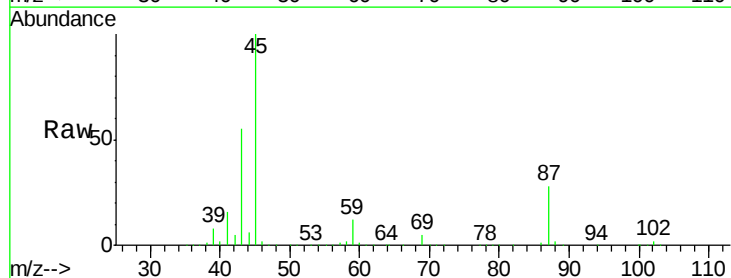
Ion Ratio Lower Upper

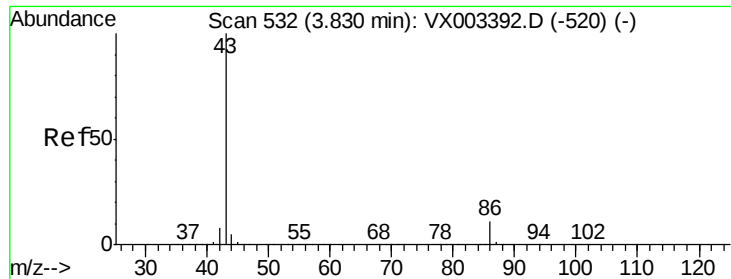
45 100

43 55.0 46.8 70.2

87 27.6 20.2 30.4

59 11.8 8.7 13.1





#23

Vinyl Acetate

Concen: 100.068 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

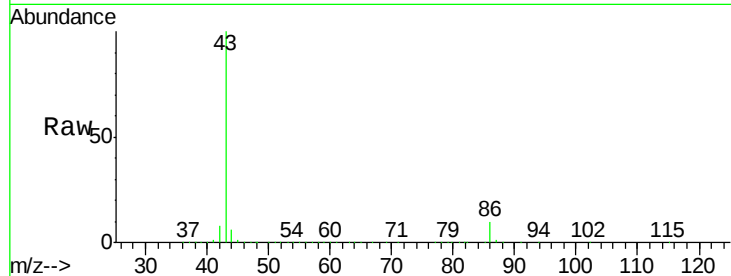
VSTDIC020

Tgt Ion: 43 Resp: 972636

Ion Ratio Lower Upper

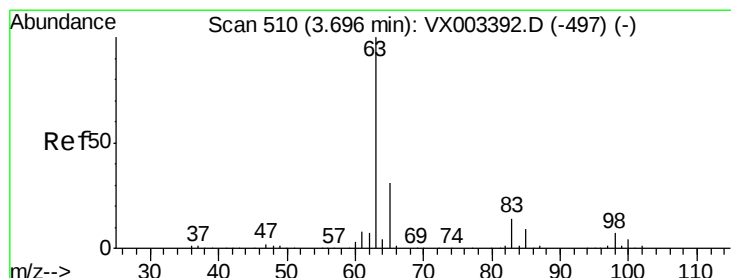
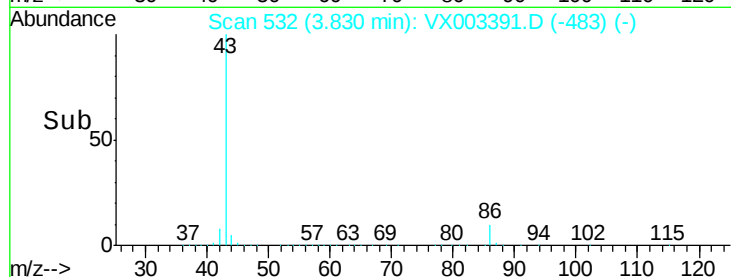
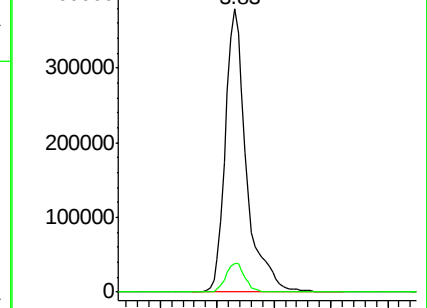
43 100

86 10.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.208 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

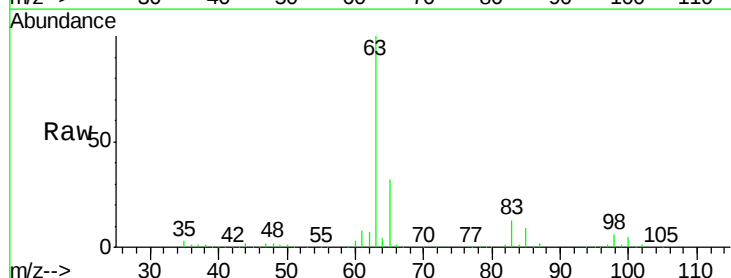
Tgt Ion: 63 Resp: 135109

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

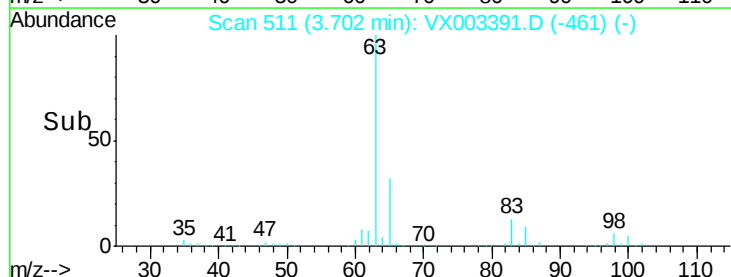
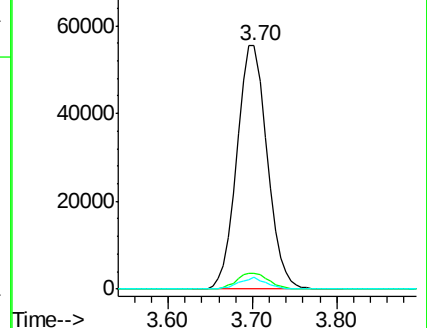
100 4.7 2.0 6.0

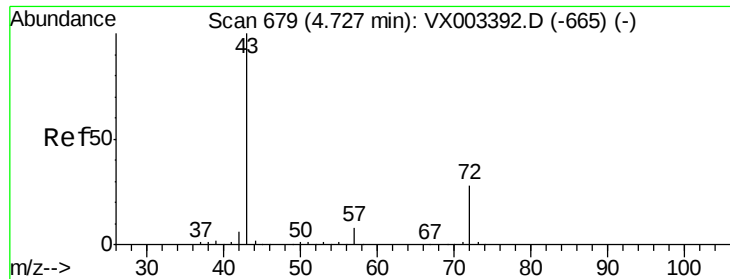


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.973 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

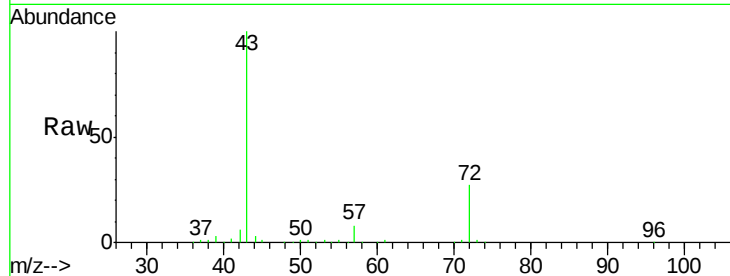
VSTDIC020

Tgt Ion: 43 Resp: 273512

Ion Ratio Lower Upper

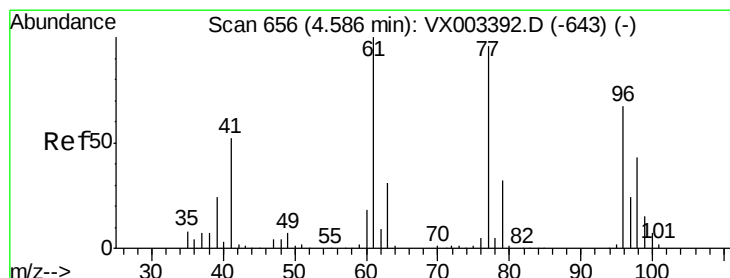
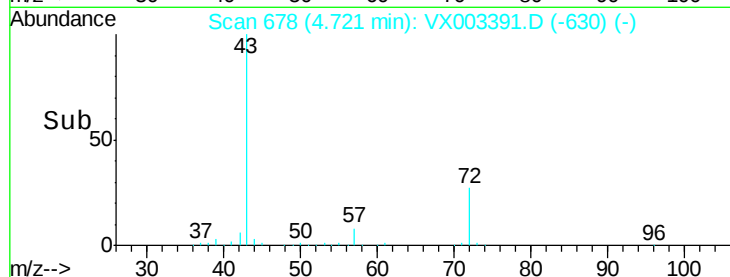
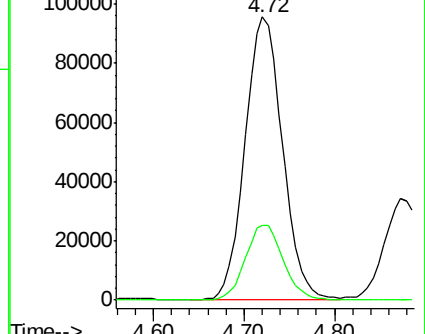
43 100

72 26.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.291 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003391.D

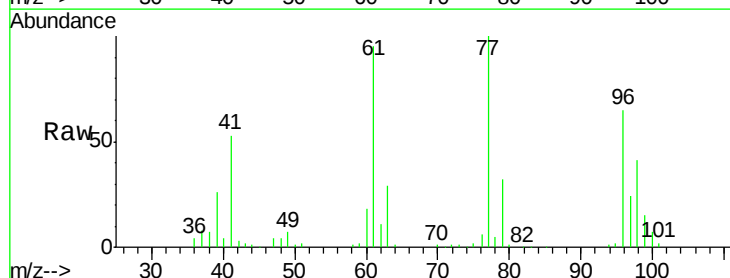
Acq: 16 Jul 2018 11:20

Tgt Ion: 77 Resp: 95227

Ion Ratio Lower Upper

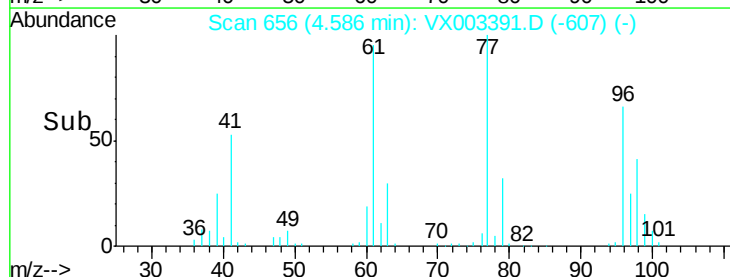
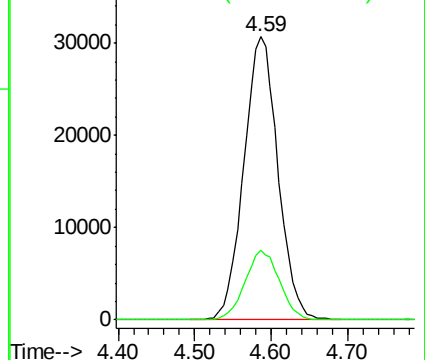
77 100

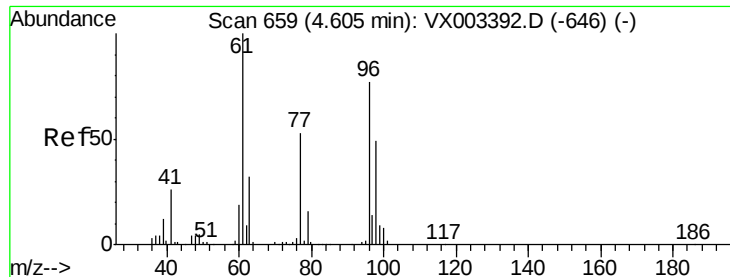
97 24.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



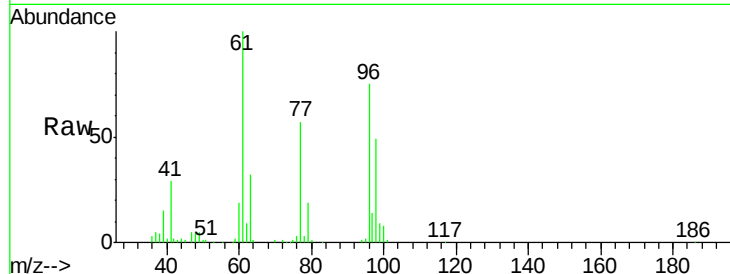


#27

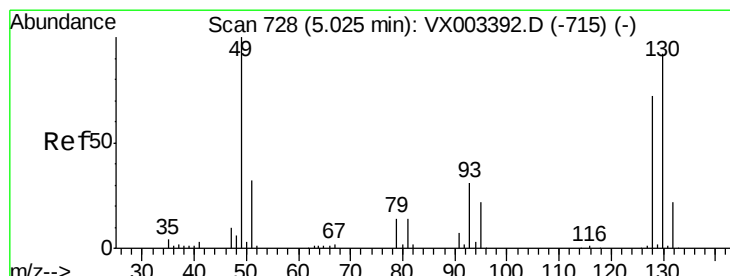
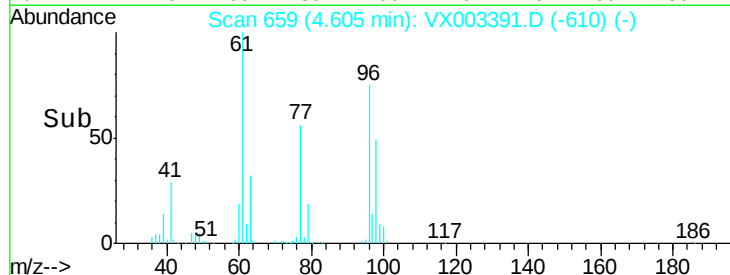
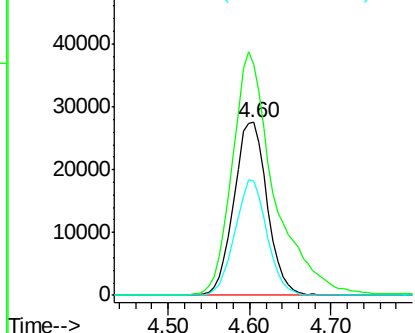
cis-1,2-Dichloroethene
Concen: 20.024 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 77941
Ion Ratio Lower Upper
96 100
61 177.8 0.0 330.2
98 64.2 0.0 130.2



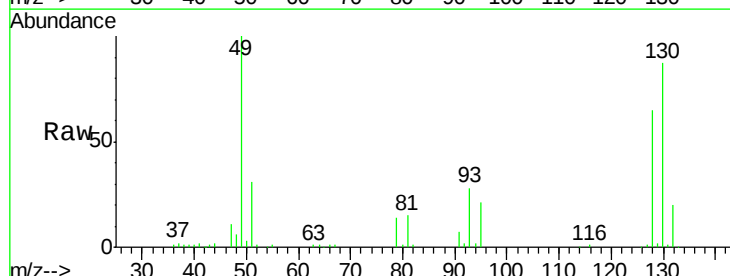
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



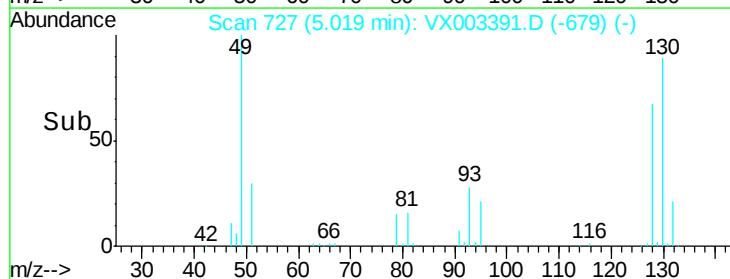
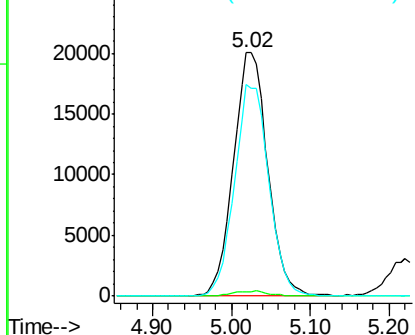
#28

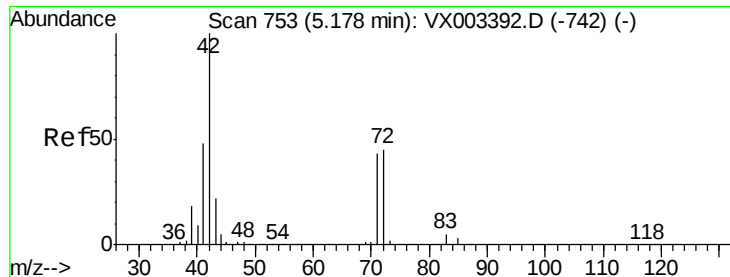
Bromochloromethane
Concen: 20.910 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 49 Resp: 60694
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 86.7 61.2 91.8



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

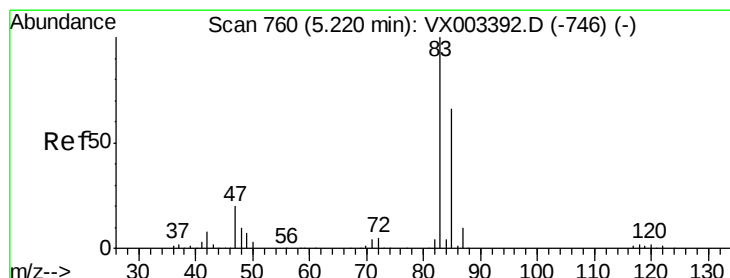
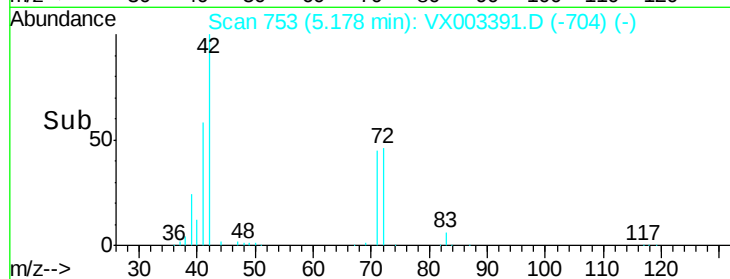
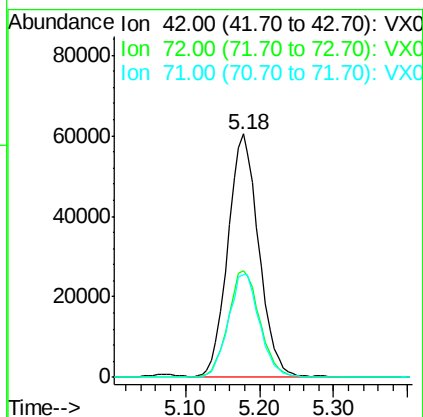
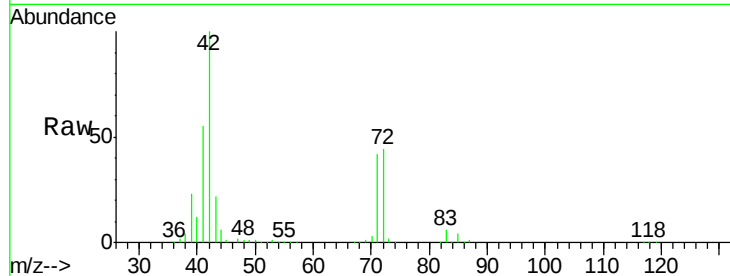




#29
Tetrahydrofuran
Concen: 101.554 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

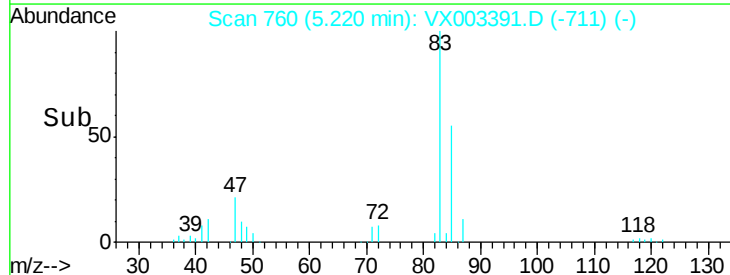
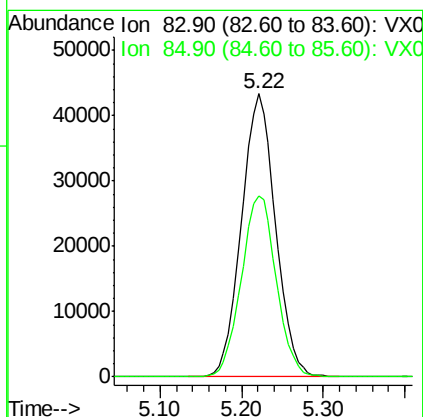
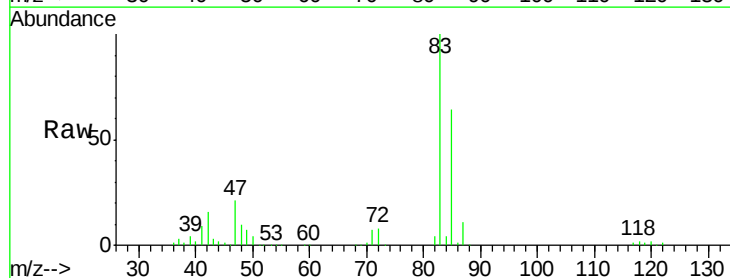
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

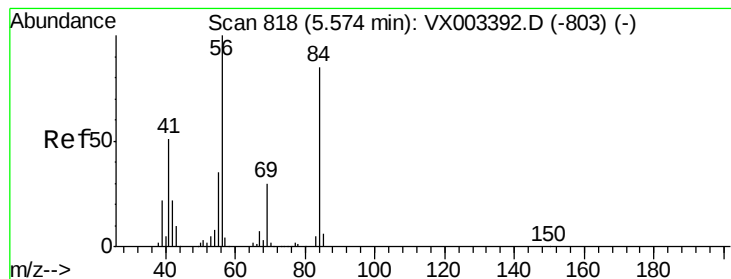
Tgt Ion: 42 Resp: 174457
Ion Ratio Lower Upper
42 100
72 45.3 32.0 48.0
71 43.0 30.1 45.1



#30
Chloroform
Concen: 20.430 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 83 Resp: 125867
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6





#31

Cyclohexane

Concen: 20.264 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

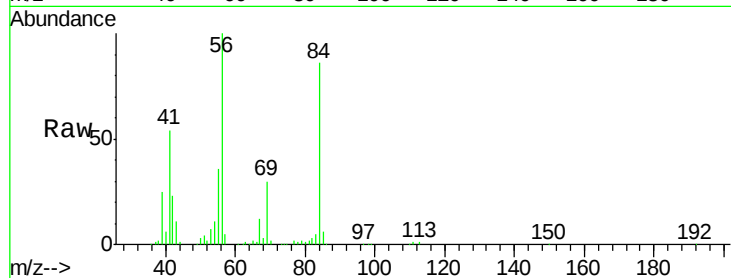
Tgt Ion: 56 Resp: 104627

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

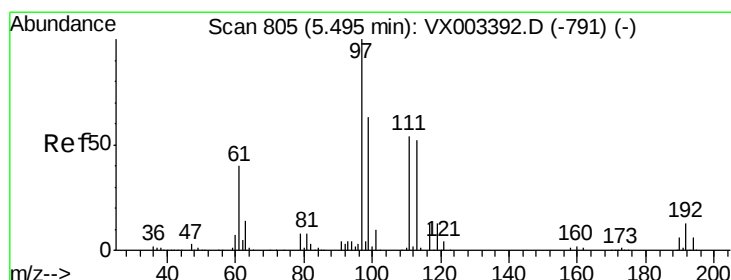
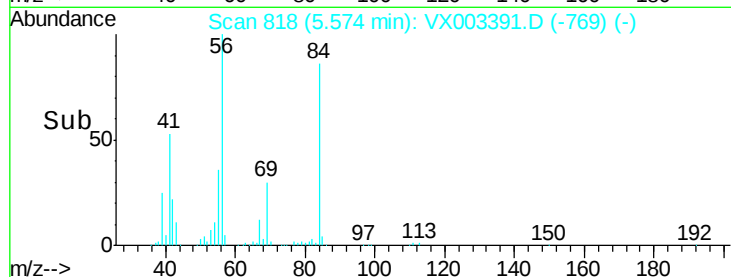
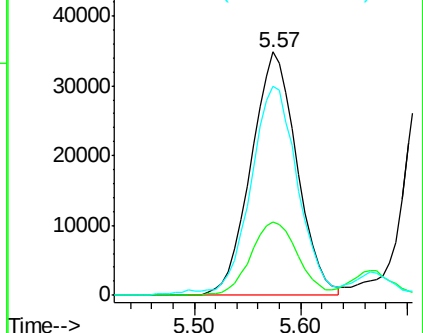
84 84.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.637 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

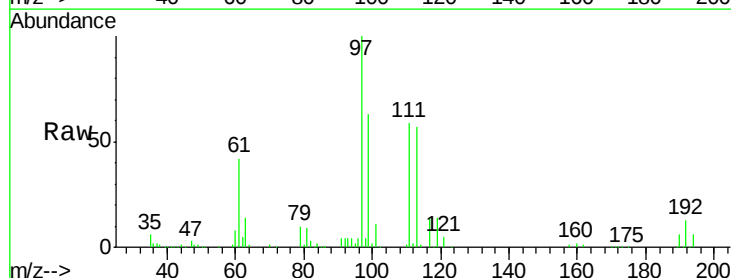
Tgt Ion: 97 Resp: 108137

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

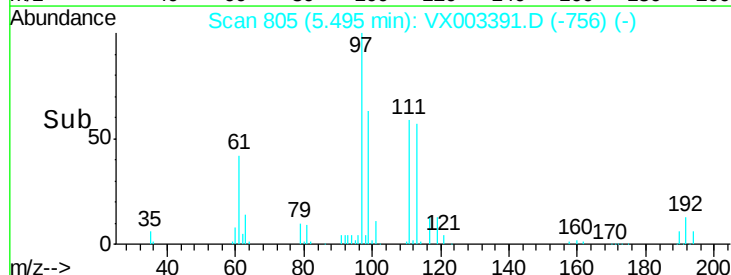
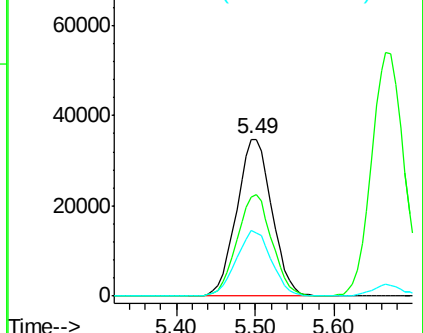
61 41.8 36.4 54.6

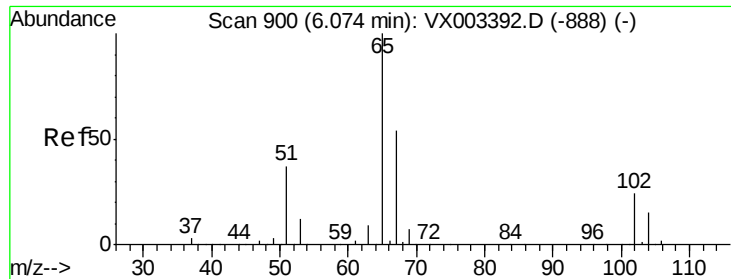


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 20.865 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

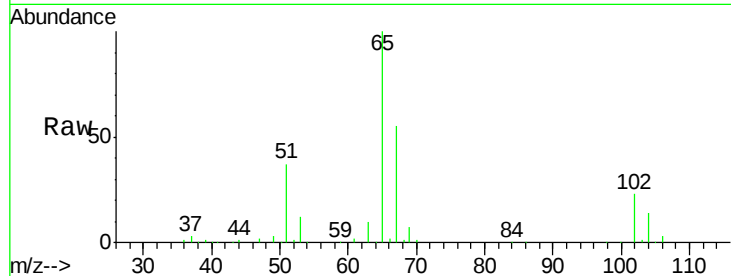
VSTDIC020

Tgt Ion: 65 Resp: 86827

Ion Ratio Lower Upper

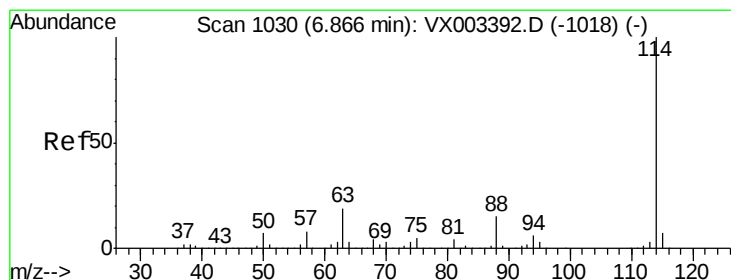
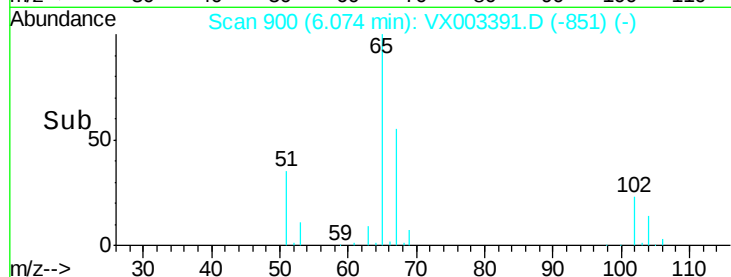
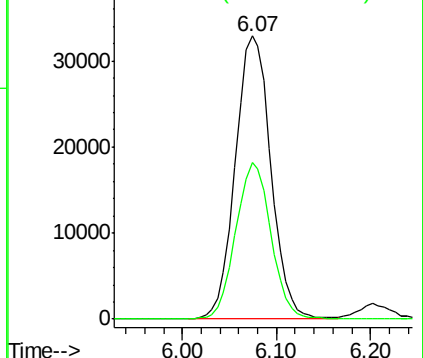
65 100

67 54.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

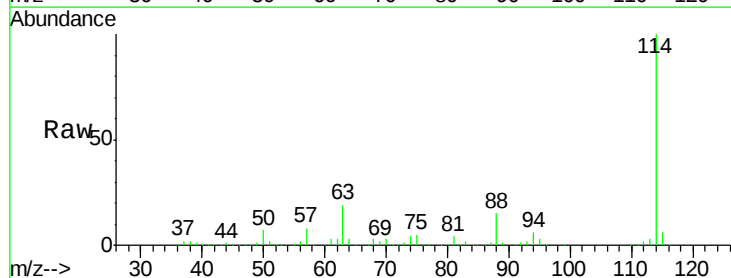
Tgt Ion: 114 Resp: 447916

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

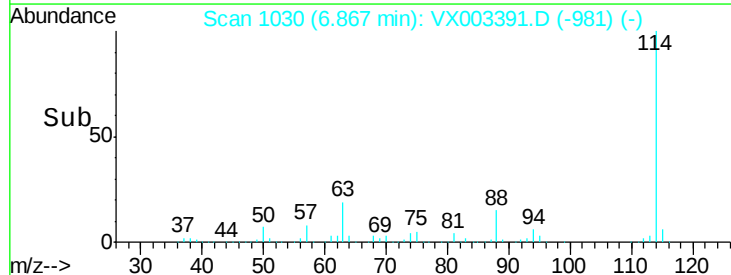
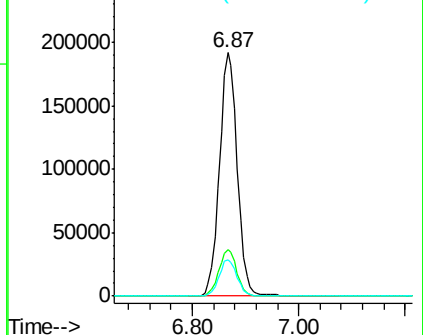
88 14.9 0.0 30.0

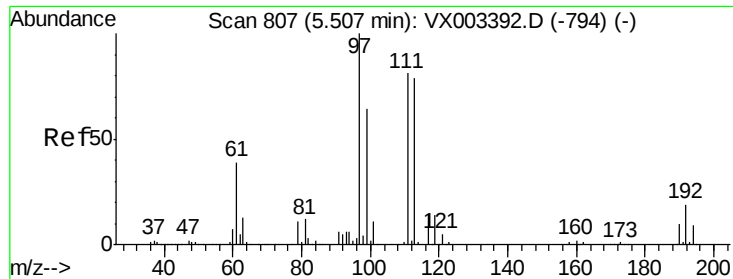


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 20.838 ug/l

RT: 5.51 min Scan# 808

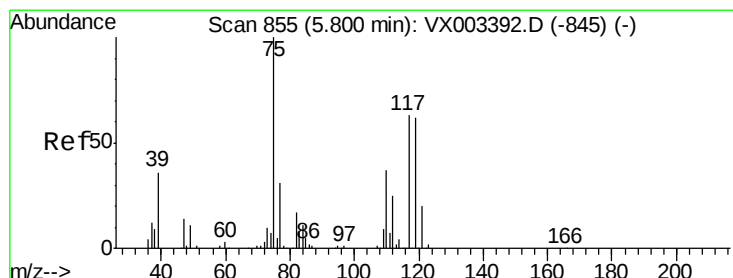
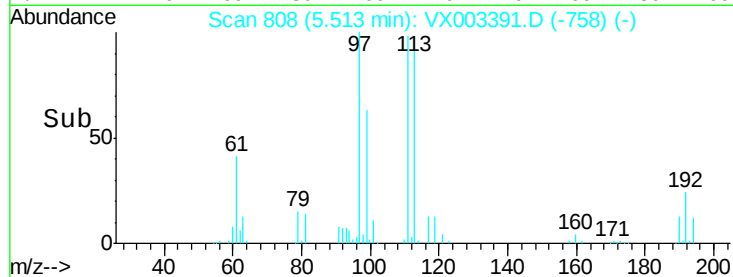
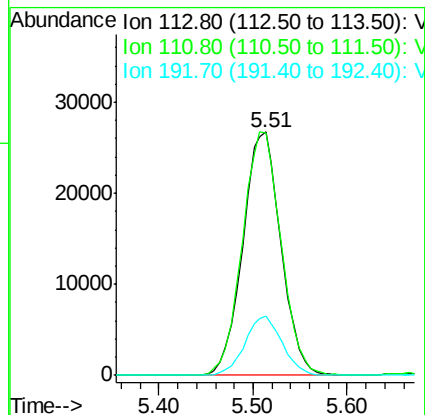
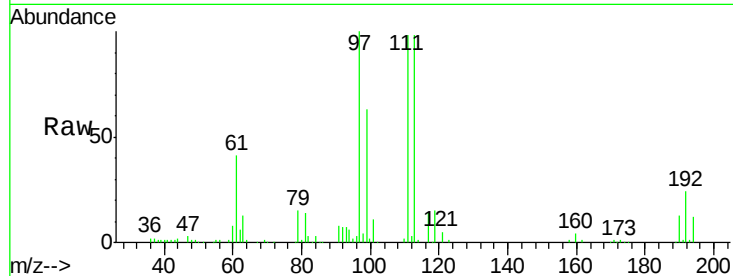
Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	113	Resp:	75520
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	23.9	19.1	28.7



#36

1,1-Dichloropropene

Concen: 20.051 ug/l

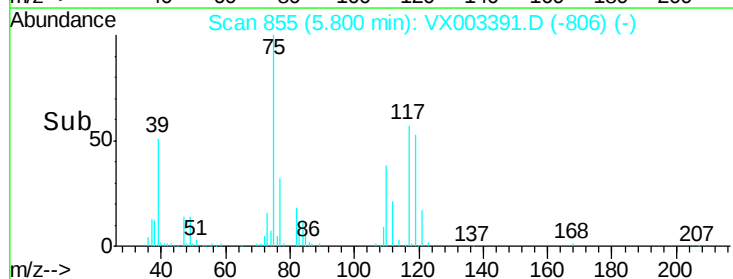
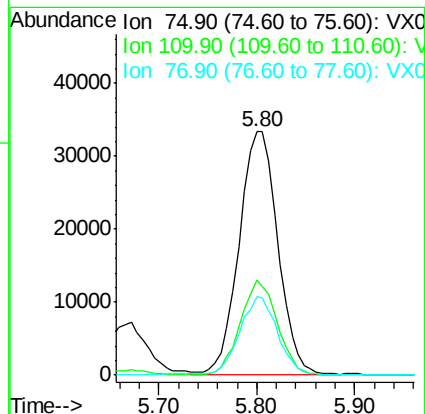
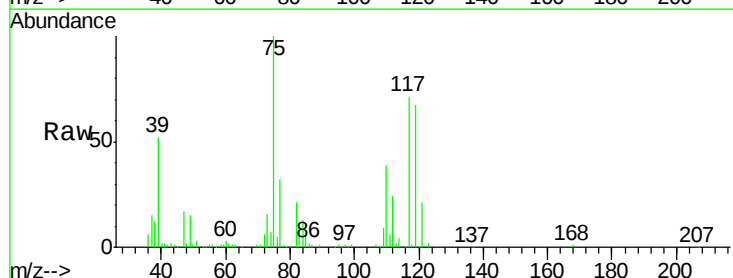
RT: 5.80 min Scan# 855

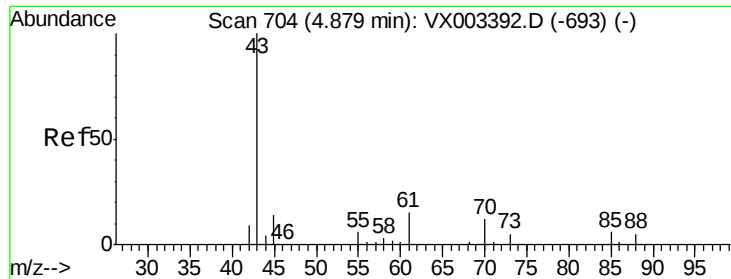
Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Tgt Ion:	75	Resp:	90949
Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.1	54.4
77	31.4	24.3	36.5

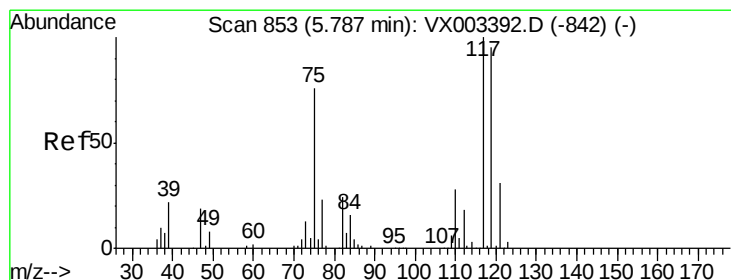
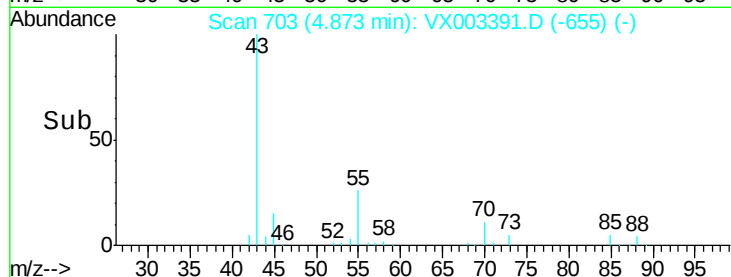
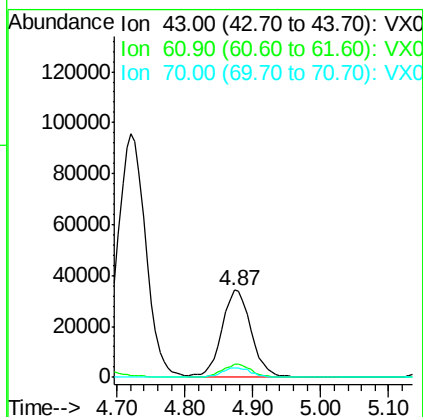
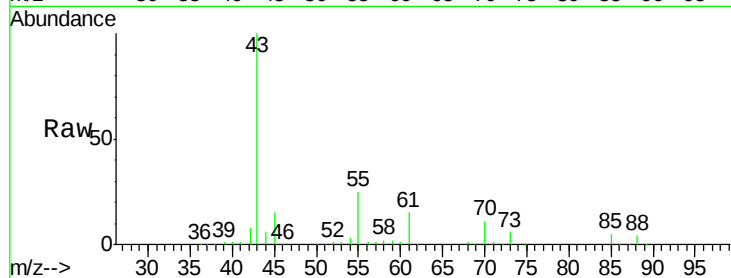




#37
Ethyl Acetate
Concen: 19.962 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

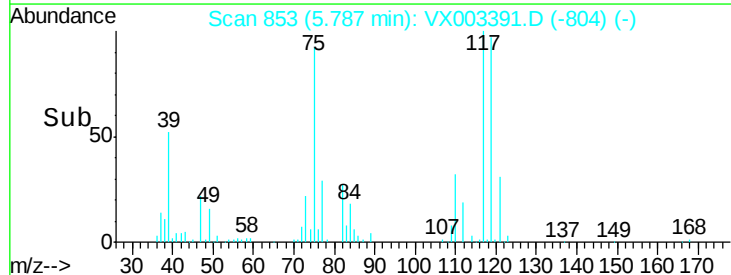
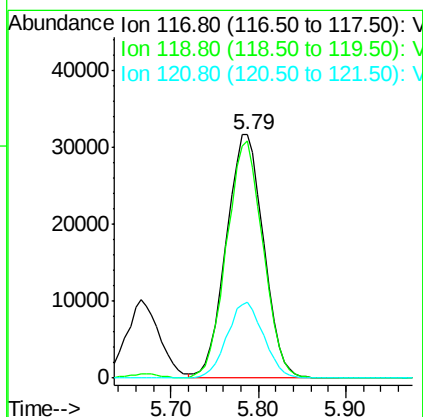
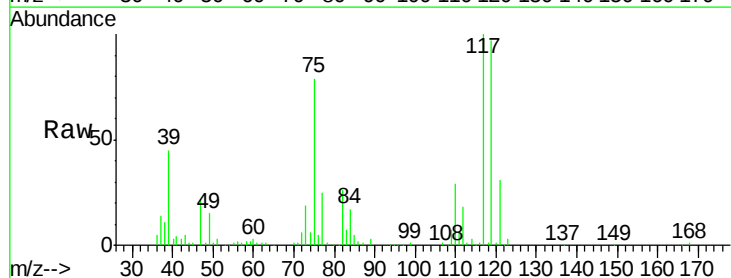
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

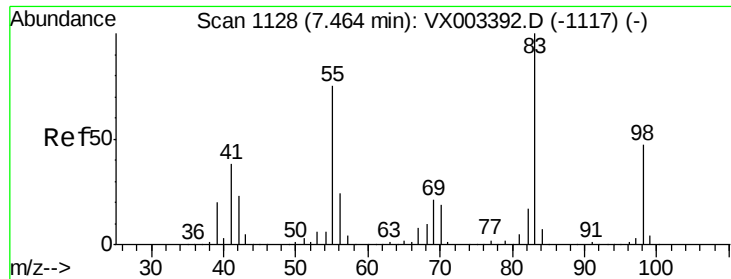
Tgt Ion: 43 Resp: 102032
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.347 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 117 Resp: 93914
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
121 31.2 24.4 36.6

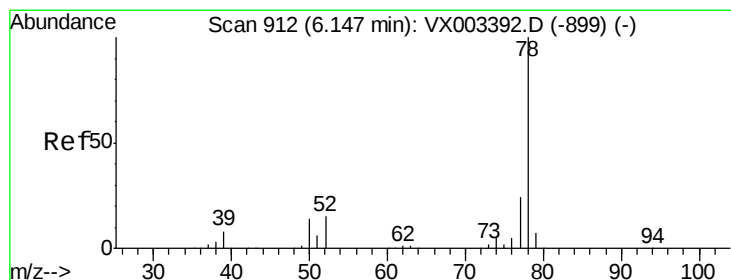
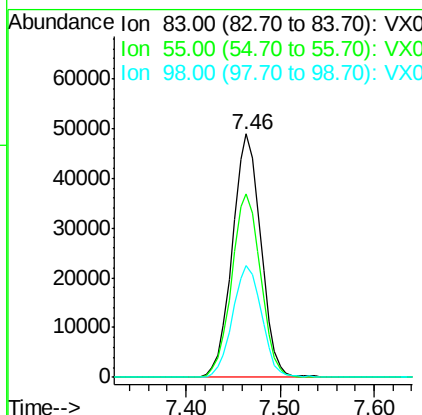
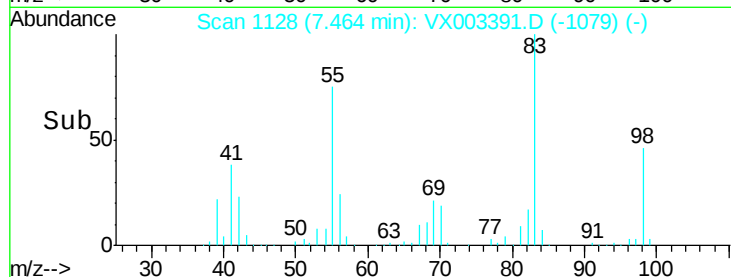
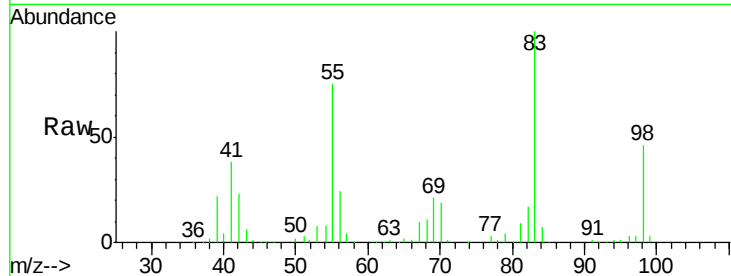




#39
Methylcyclohexane
Concen: 19.883 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

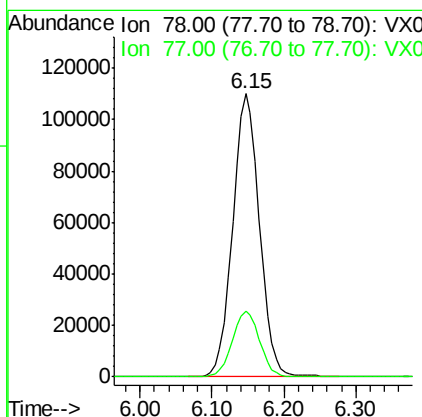
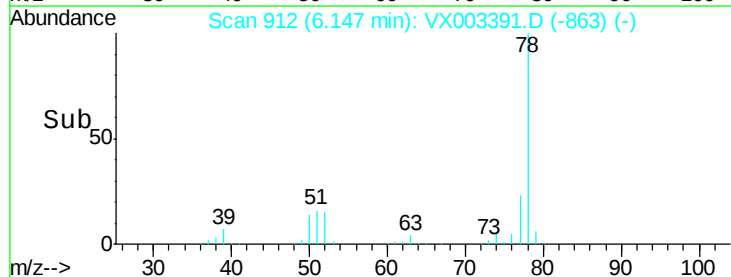
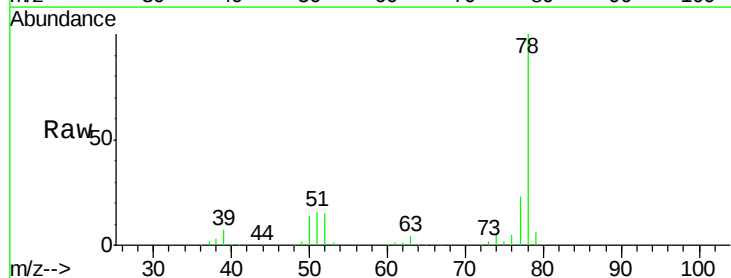
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

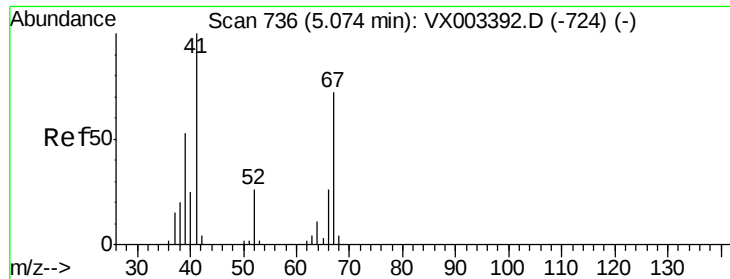
Tgt Ion: 83 Resp: 103233
Ion Ratio Lower Upper
83 100
55 75.2 65.4 98.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 20.530 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 78 Resp: 283318
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

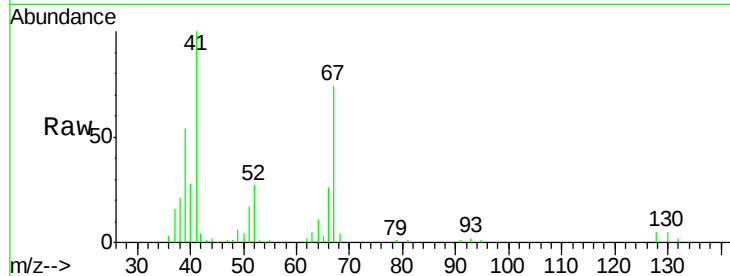




#41
Methacrylonitrile
Concen: 20.100 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	56496
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.8	68.6
67	75.0	51.3	76.9
52	29.8	23.0	34.6



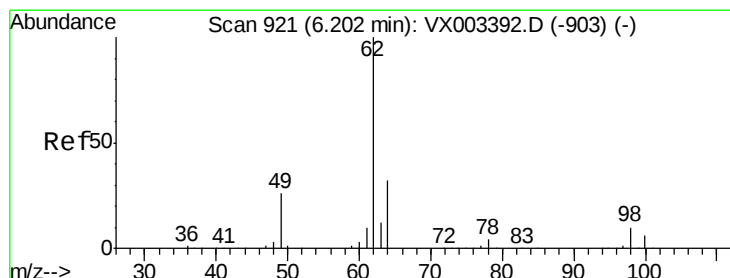
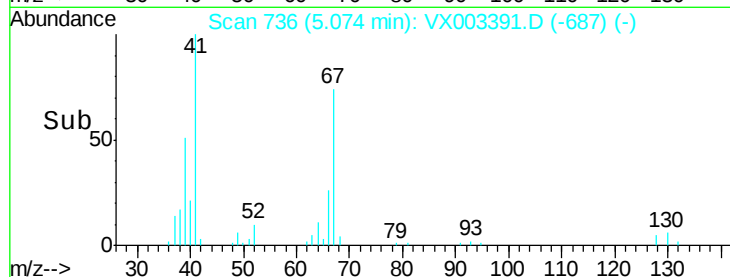
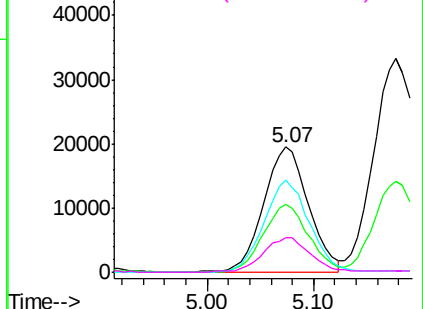
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

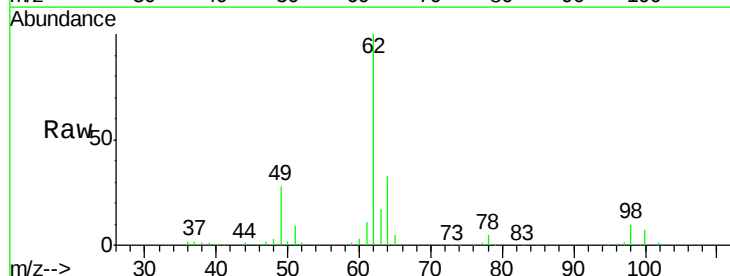
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

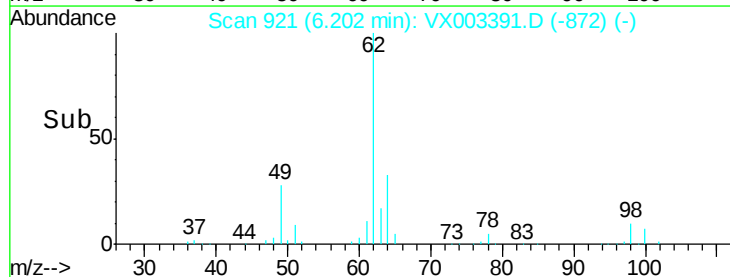
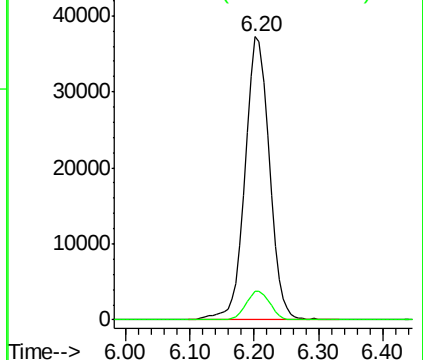
Tgt Ion:	62	Resp:	96532
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	16.6

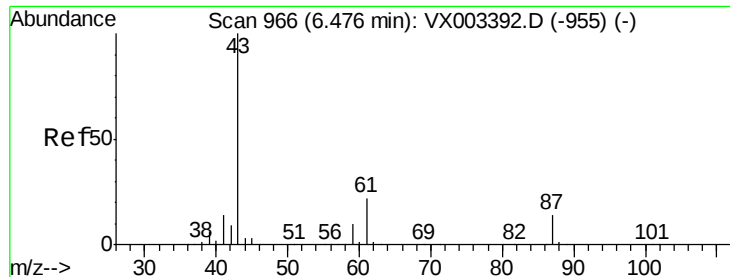


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.181 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

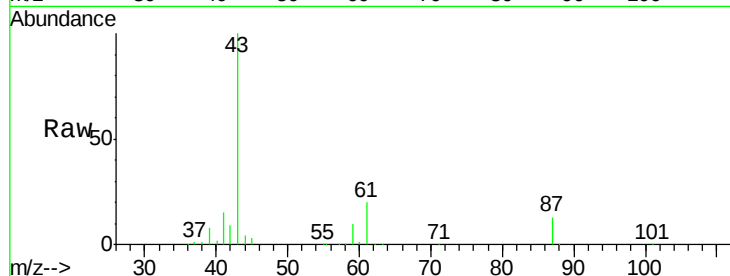
Tgt Ion: 43 Resp: 155679

Ion Ratio Lower Upper

43 100

61 20.8 14.4 21.6

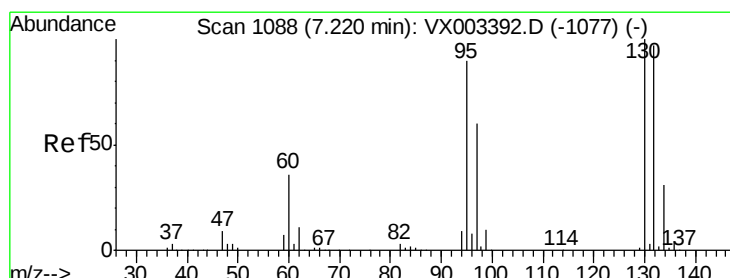
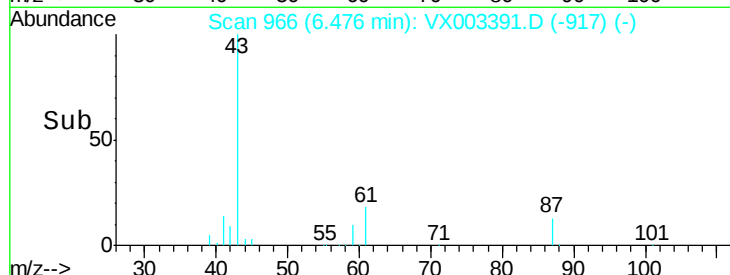
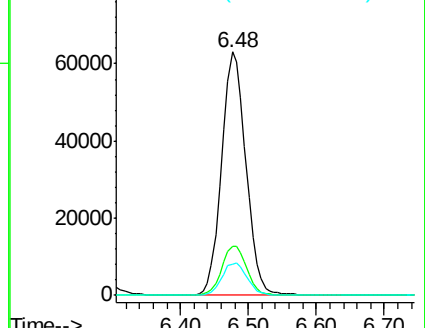
87 13.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.178 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX003391.D

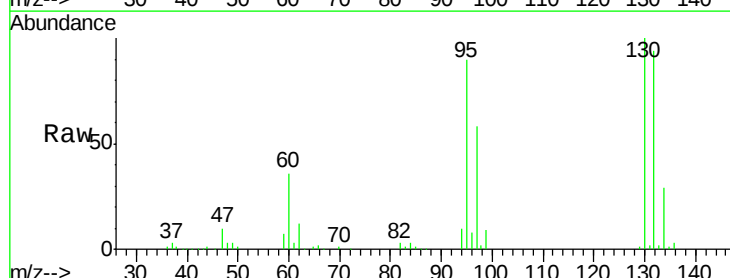
Acq: 16 Jul 2018 11:20

Tgt Ion: 130 Resp: 80668

Ion Ratio Lower Upper

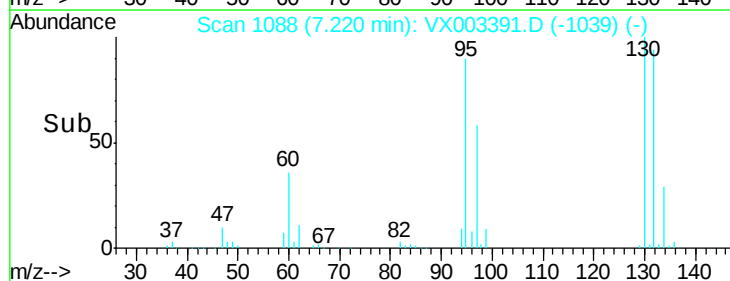
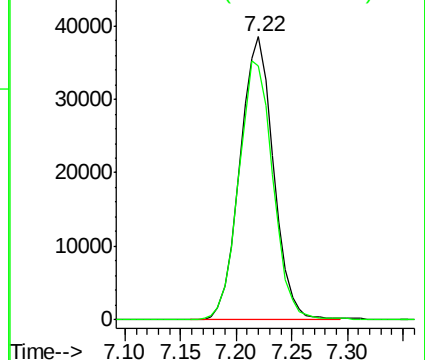
130 100

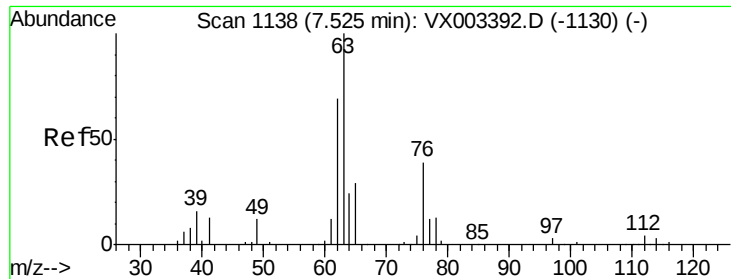
95 89.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

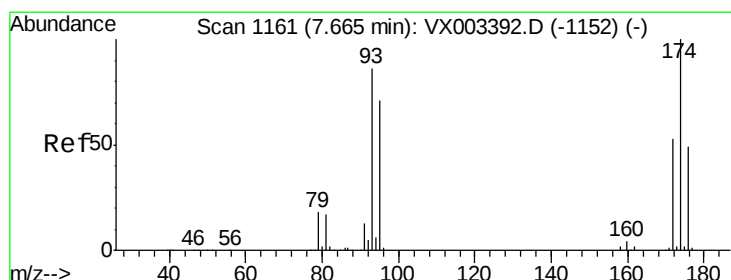
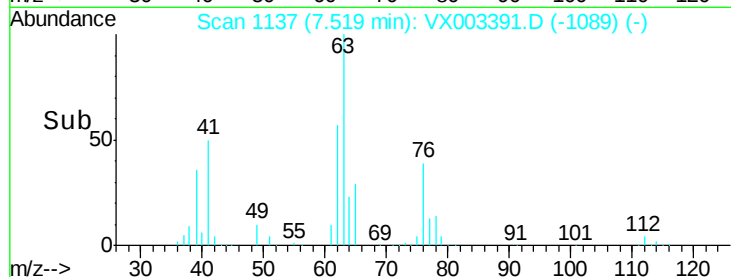
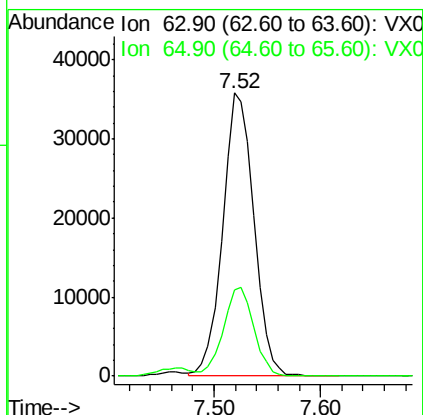
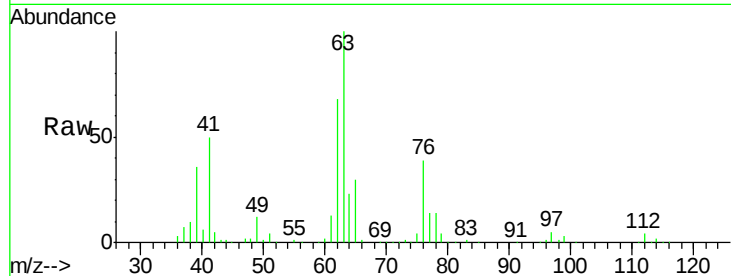




#45
1,2-Dichloropropane
Concen: 20.417 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

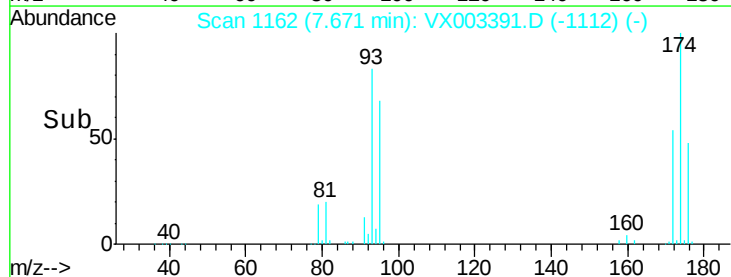
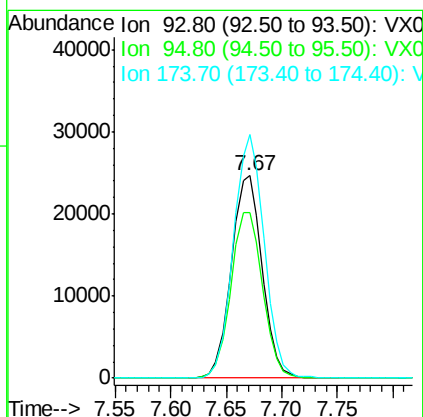
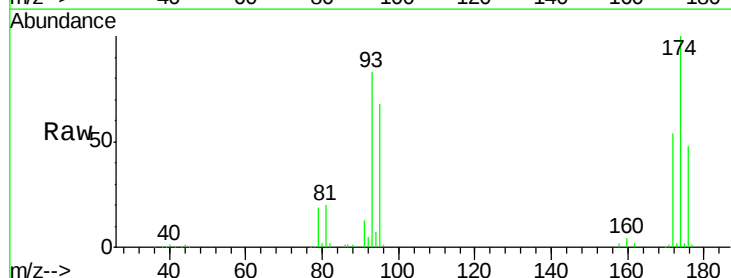
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

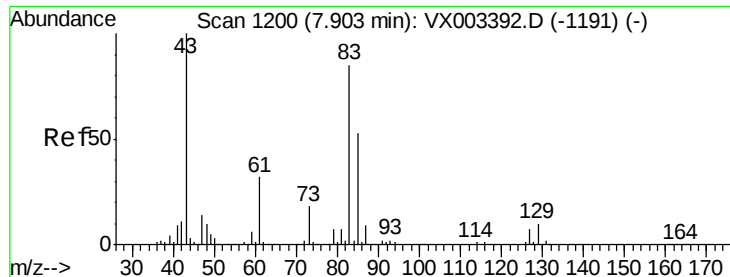
Tgt Ion: 63 Resp: 73295
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1



#46
Dibromomethane
Concen: 19.772 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 93 Resp: 47262
Ion Ratio Lower Upper
93 100
95 84.4 65.9 98.9
174 119.8 92.4 138.6





#47

Bromodichloromethane

Concen: 20.077 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

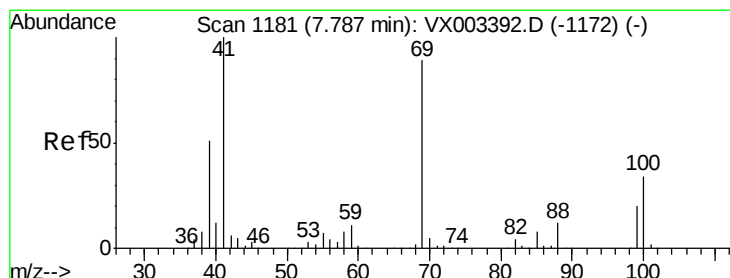
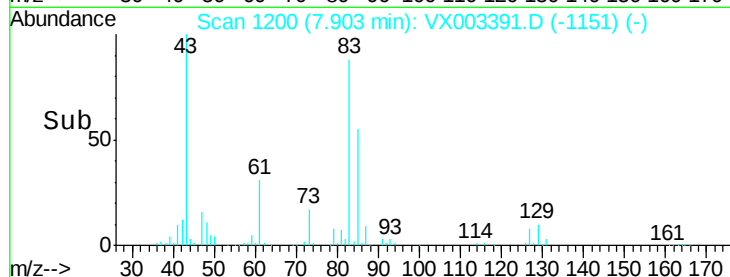
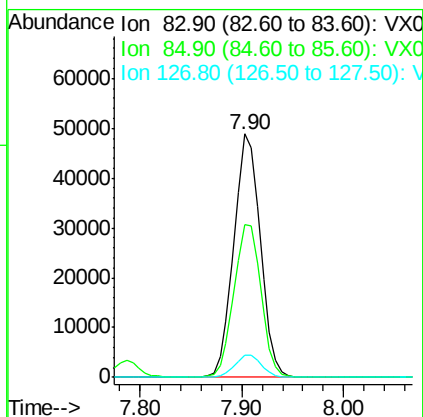
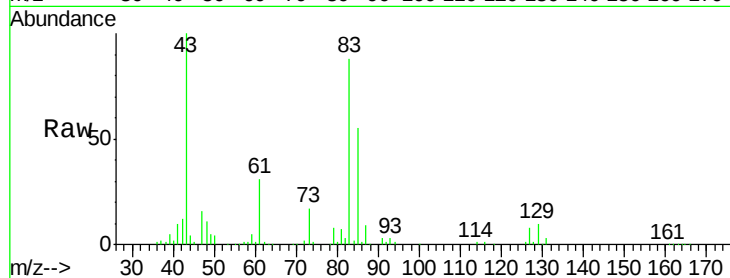
Tgt Ion: 83 Resp: 87883

Ion Ratio Lower Upper

83 100

85 62.7 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 20.304 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

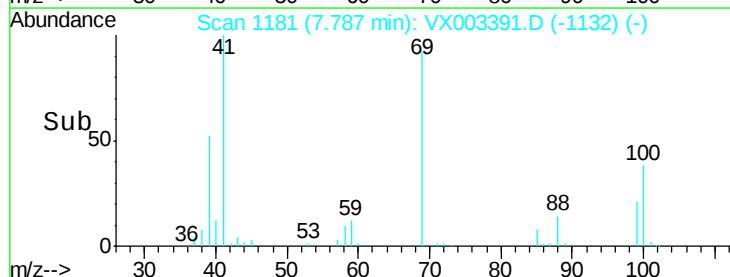
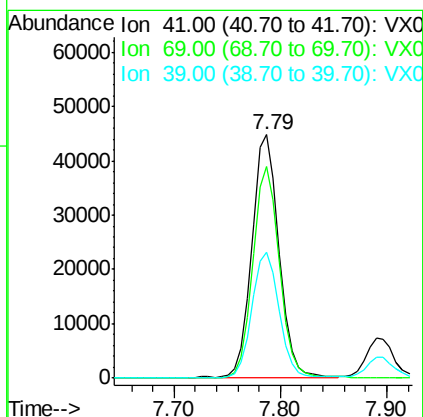
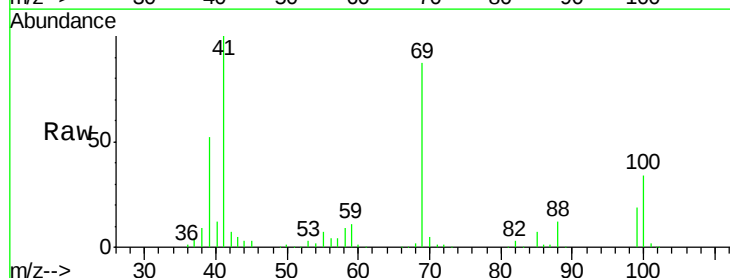
Tgt Ion: 41 Resp: 79909

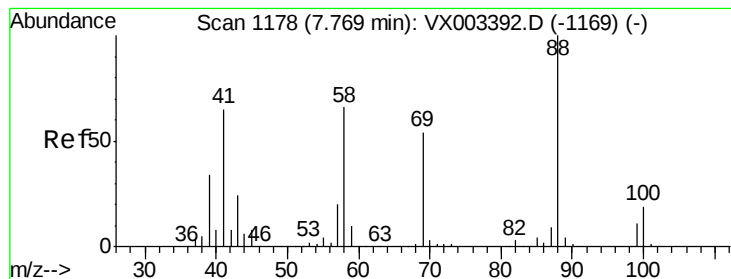
Ion Ratio Lower Upper

41 100

69 86.1 59.1 88.7

39 51.9 48.9 73.3





#49

1,4-Dioxane

Concen: 408.111 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

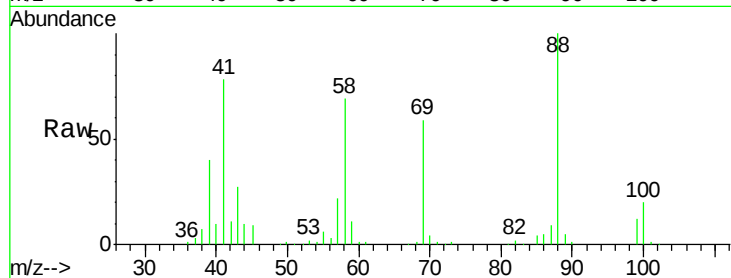
Tgt Ion: 88 Resp: 36775

Ion Ratio Lower Upper

88 100

43 30.7 29.8 44.6

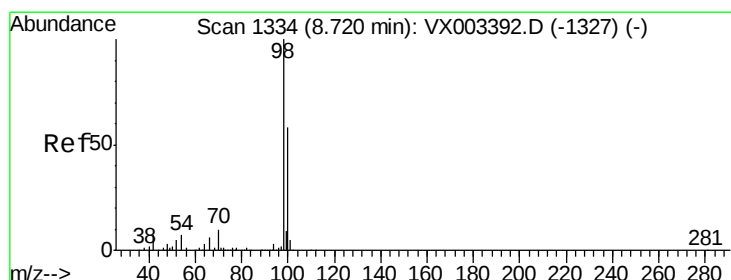
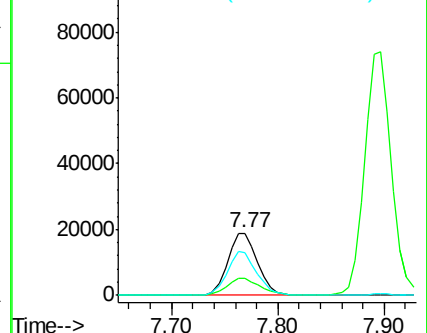
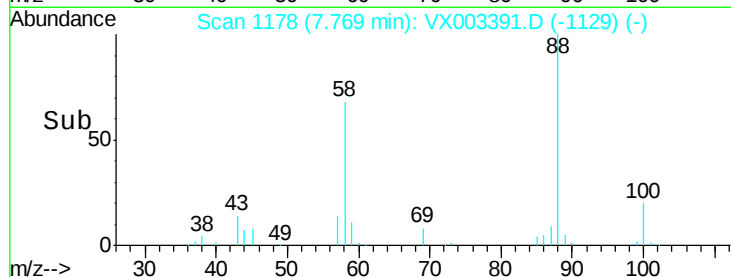
58 70.3 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 20.598 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003391.D

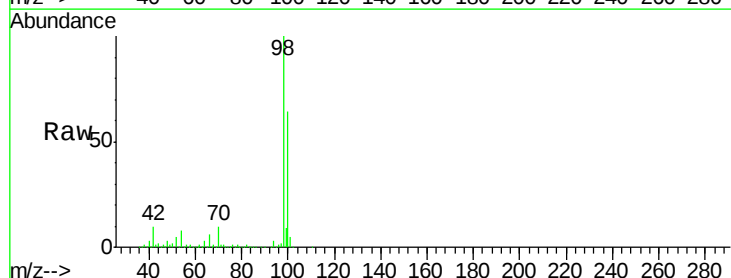
Acq: 16 Jul 2018 11:20

Tgt Ion: 98 Resp: 275479

Ion Ratio Lower Upper

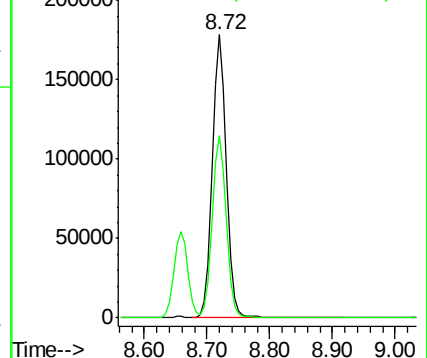
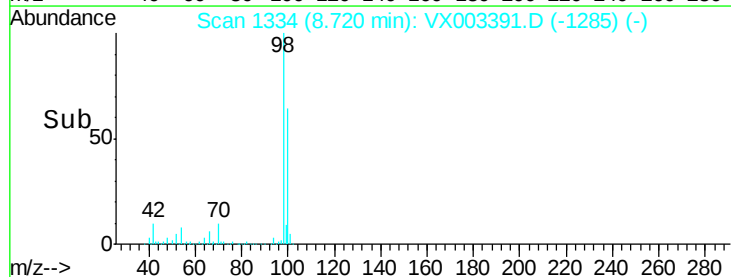
98 100

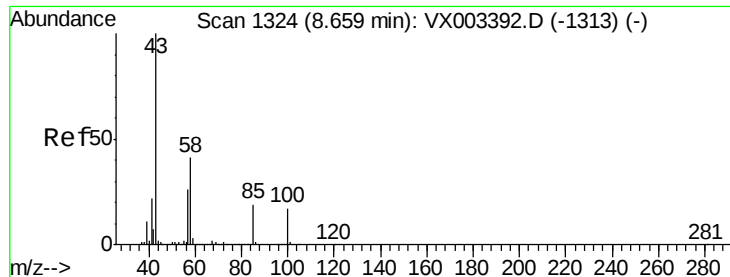
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

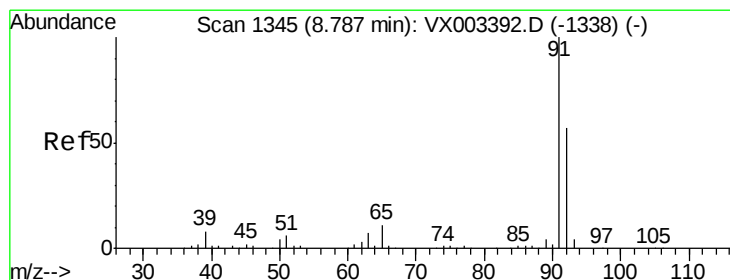
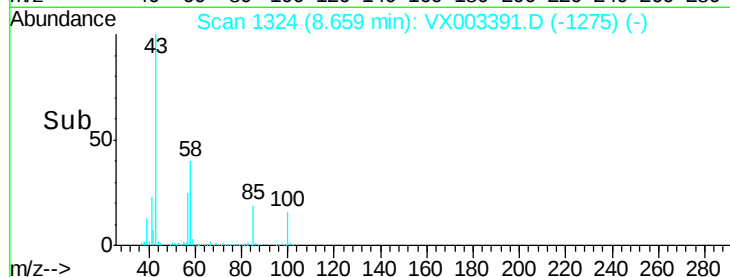
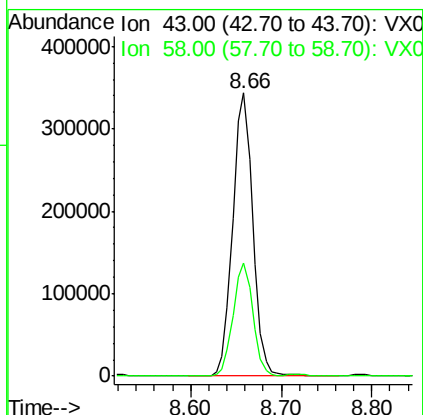
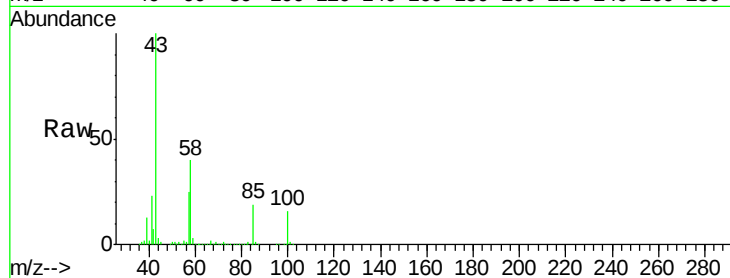




#51
 4-Methyl-2-Pentanone
 Concen: 104.224 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

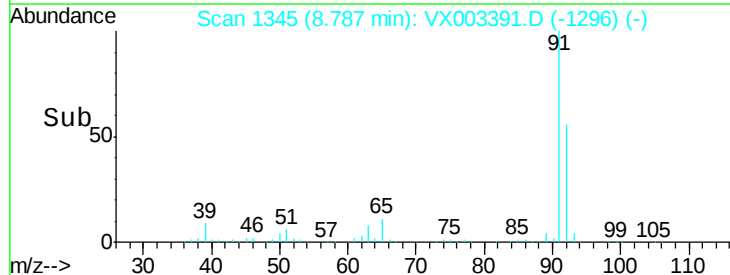
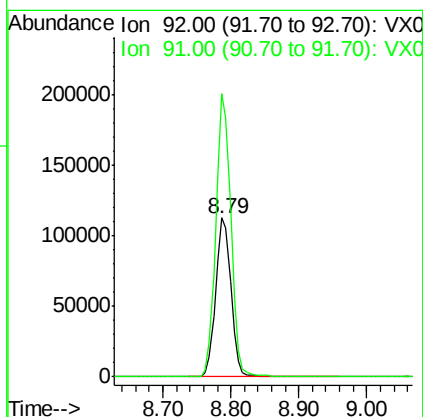
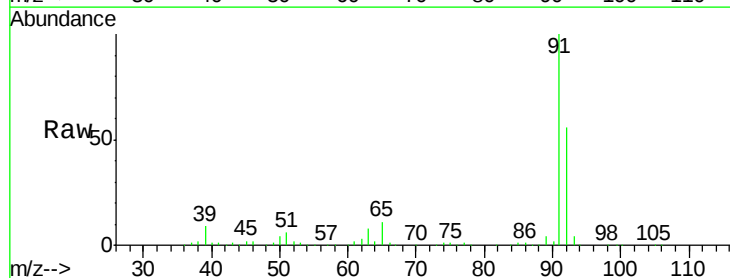
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

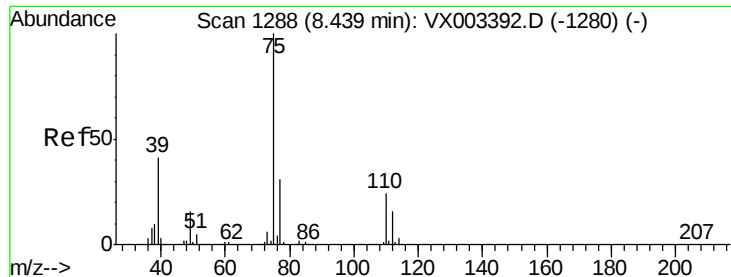
Tgt Ion: 43 Resp: 529259
 Ion Ratio Lower Upper
 43 100
 58 39.5 28.6 42.8



#52
 Toluene
 Concen: 20.433 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 92 Resp: 176555
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.333 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

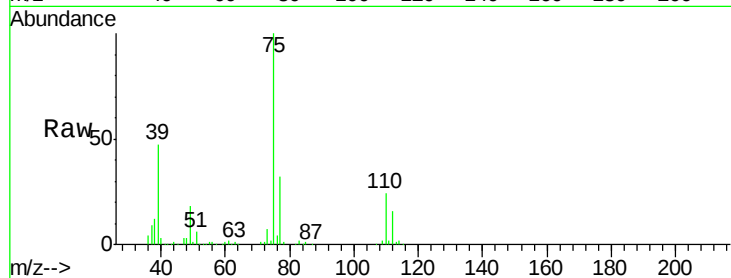
VSTDIC020

Tgt Ion: 75 Resp: 105090

Ion Ratio Lower Upper

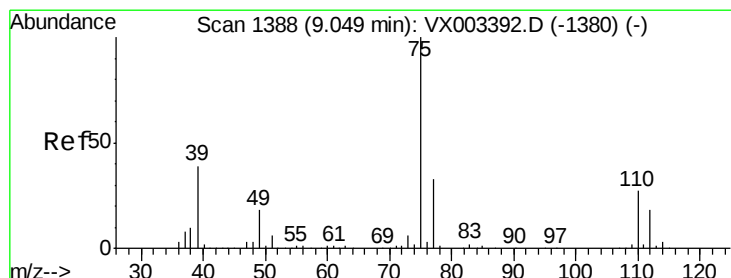
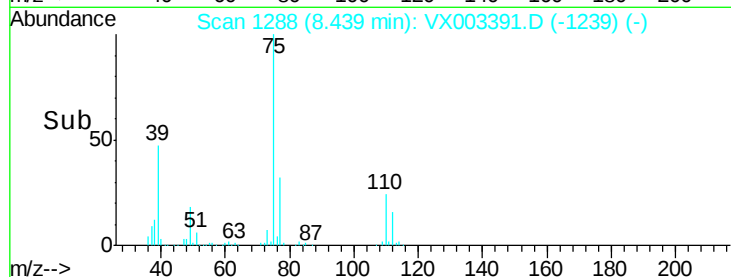
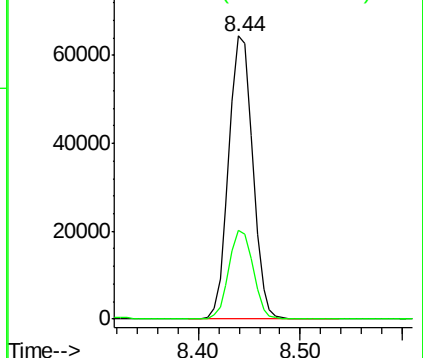
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.177 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

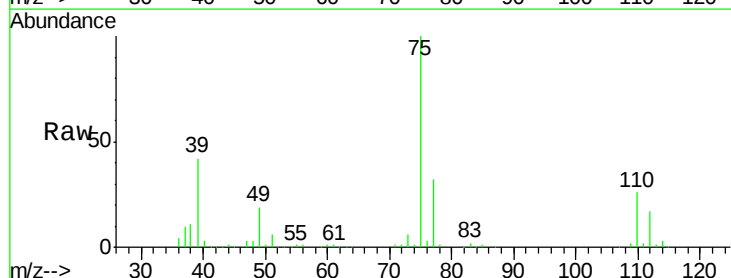
Tgt Ion: 75 Resp: 95177

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

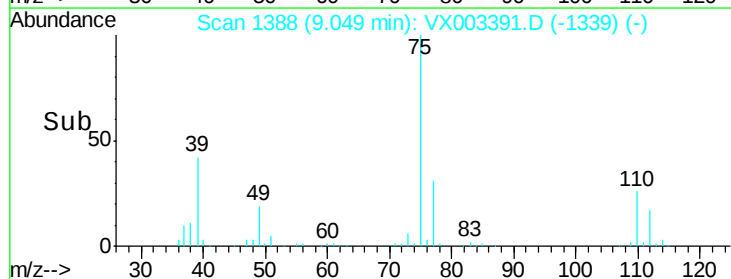
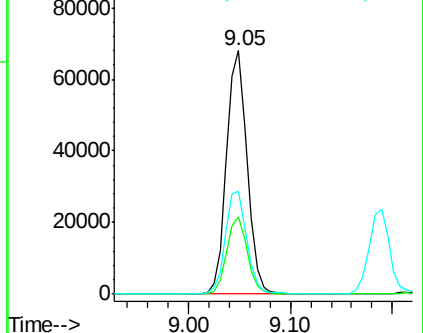
39 42.1 42.4 63.6#

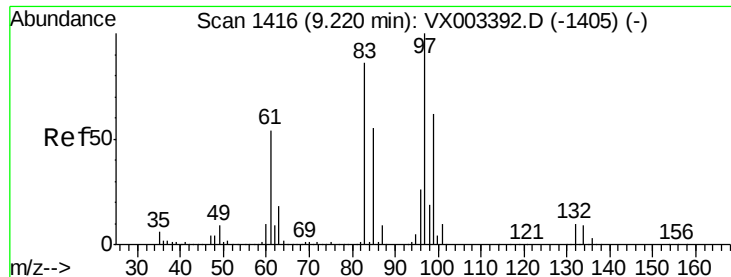


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

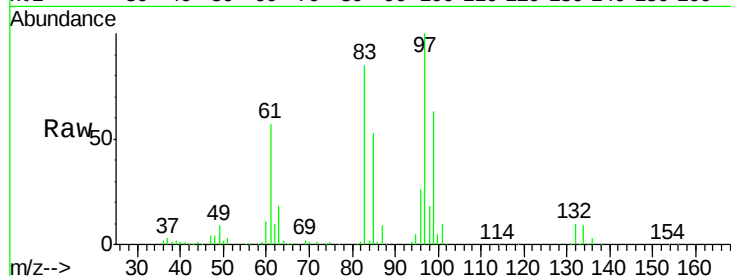




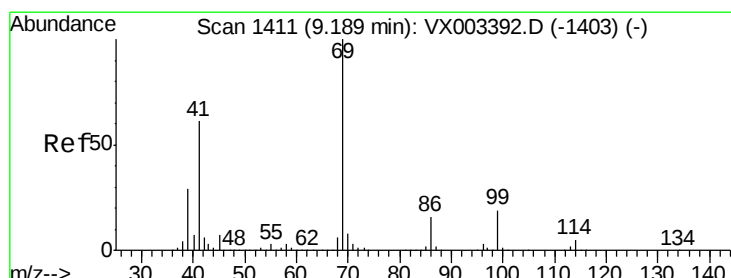
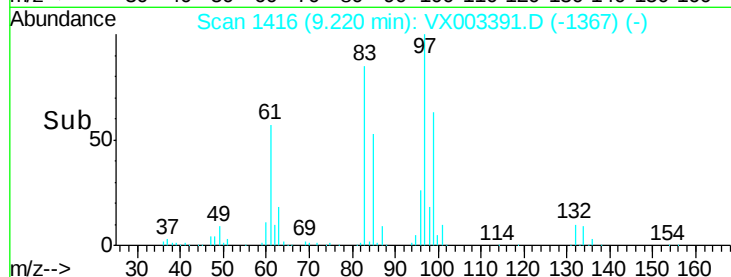
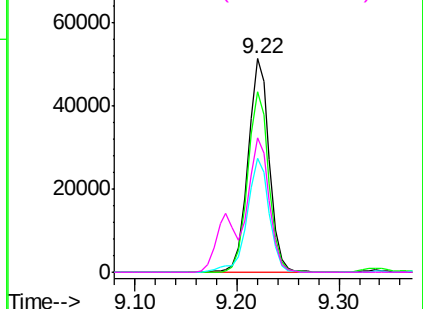
#55
1,1,2-Trichloroethane
Concen: 20.547 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	97	Resp:	74175
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	53.5	44.9	67.3
99	63.1	49.8	74.8

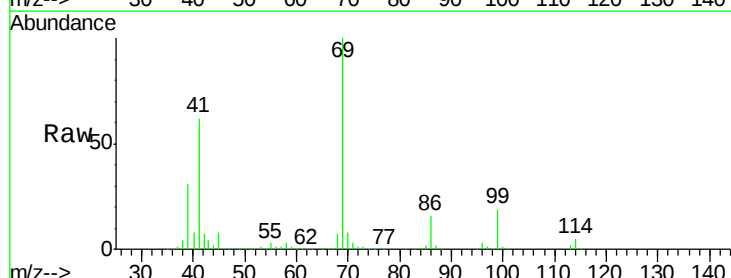


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

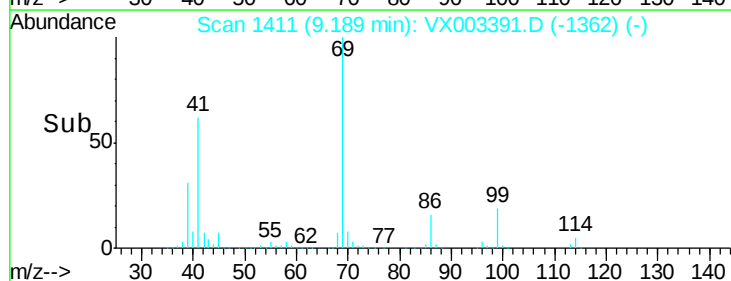
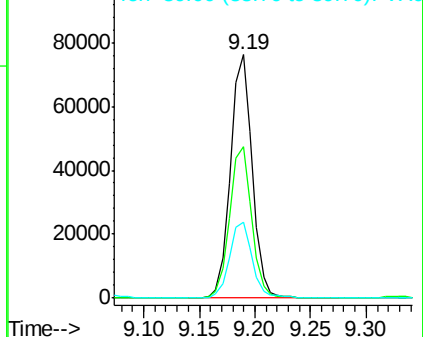


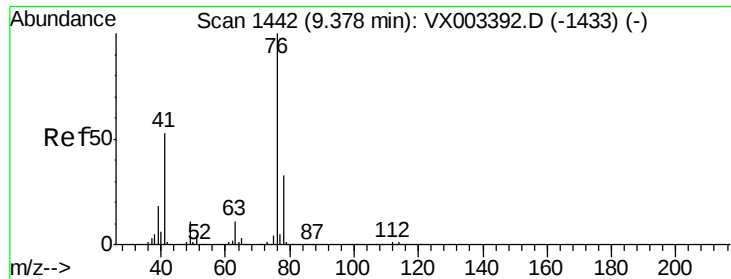
#56
Ethyl methacrylate
Concen: 20.117 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion:	69	Resp:	102829
Ion	Ratio	Lower	Upper
69	100		
41	63.4	60.3	90.5
39	32.3	35.8	53.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

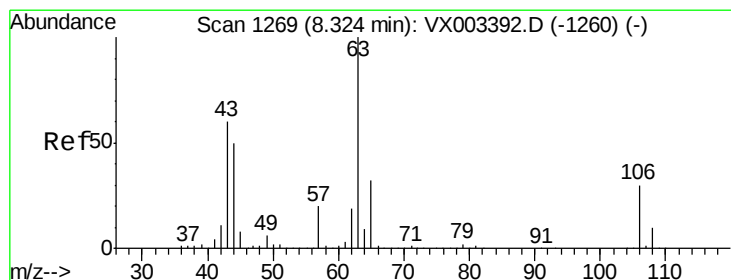
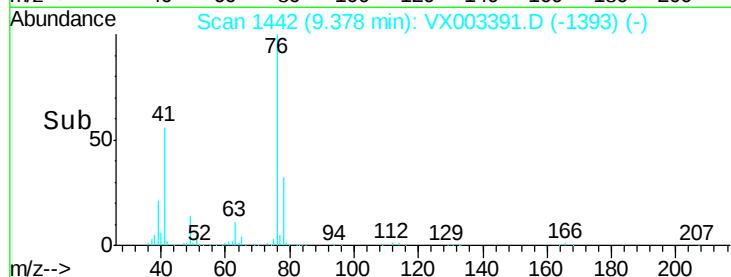
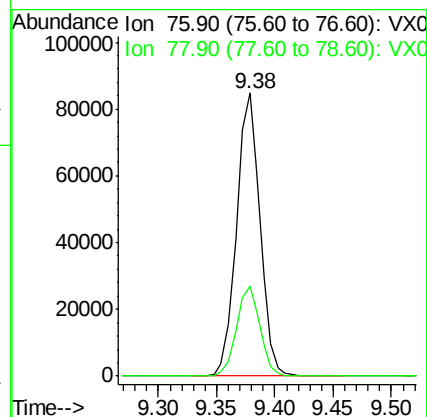
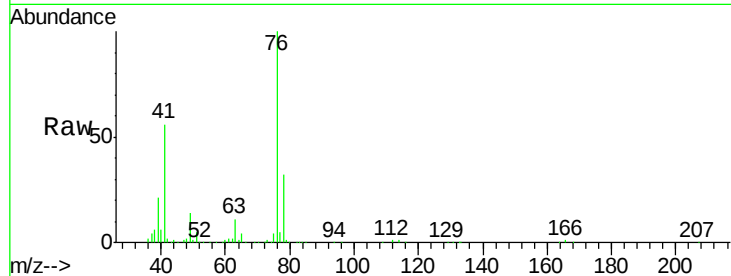




#57
 1,3-Dichloropropane
 Concen: 20.479 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

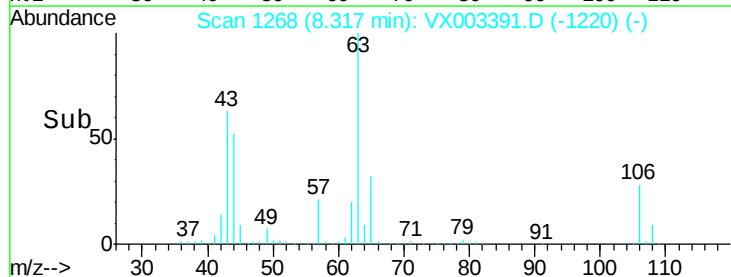
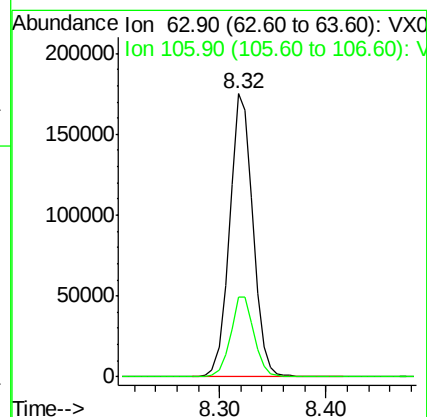
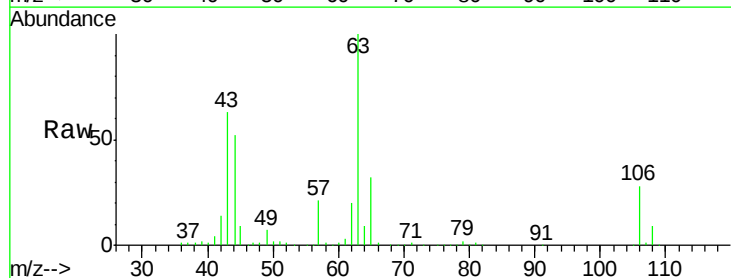
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

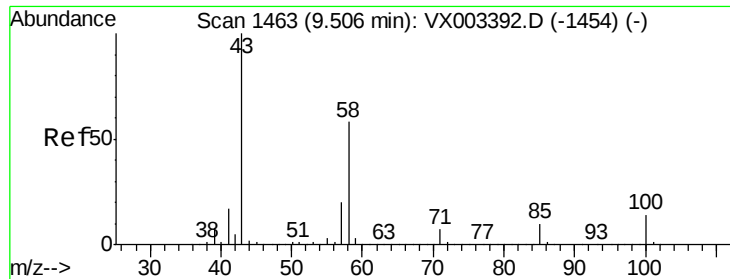
Tgt Ion: 76 Resp: 118790
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.249 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 63 Resp: 267205
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

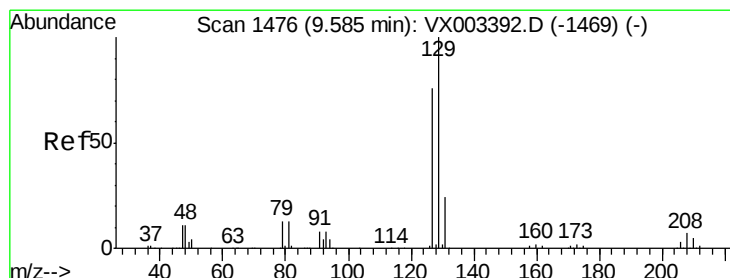
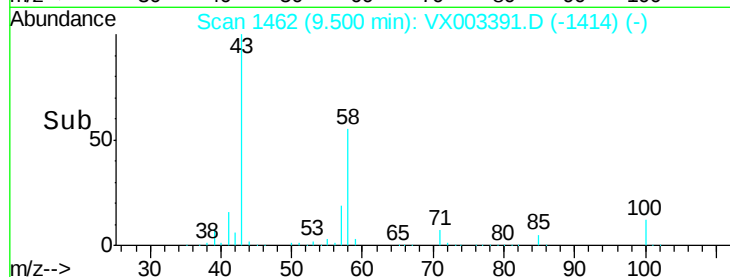
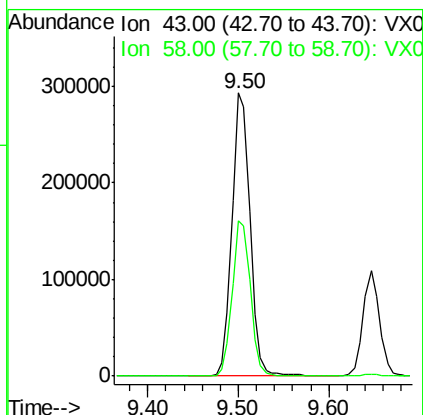
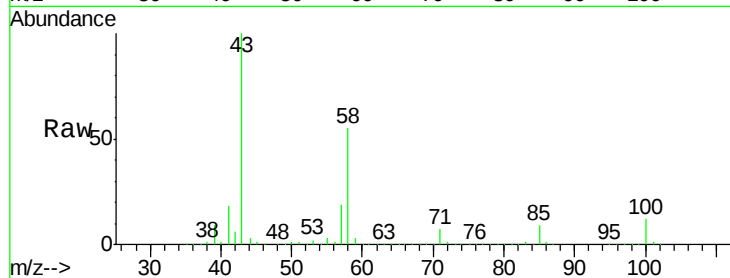




#59
2-Hexanone
Concen: 104.216 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

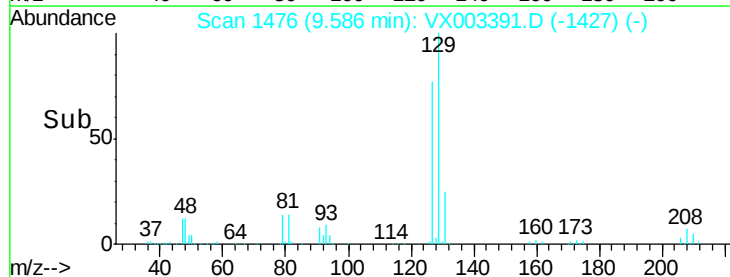
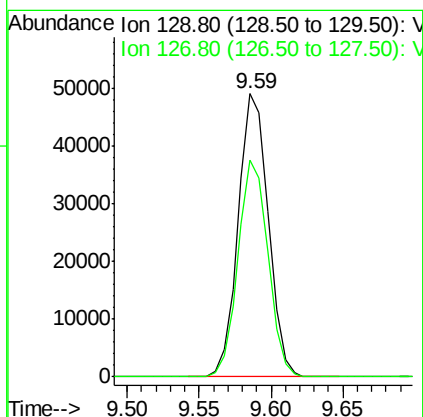
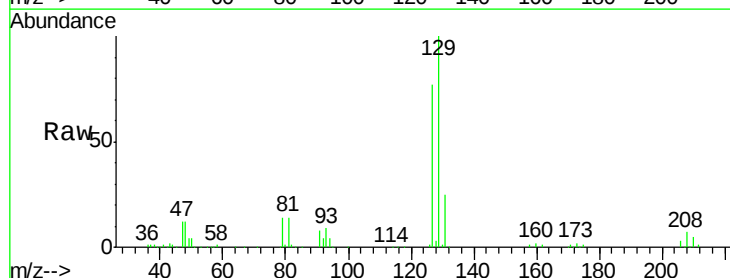
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

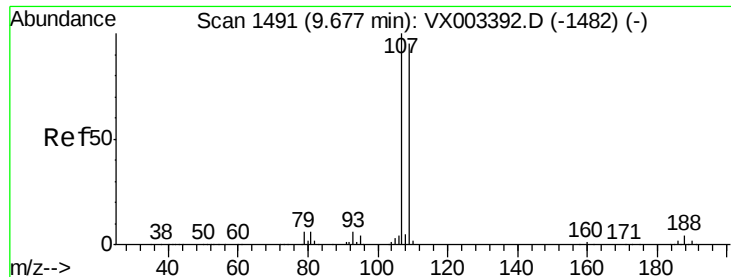
Tgt Ion: 43 Resp: 406607
Ion Ratio Lower Upper
43 100
58 55.1 24.6 73.6



#60
Dibromochloromethane
Concen: 19.834 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 129 Resp: 71143
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.451 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

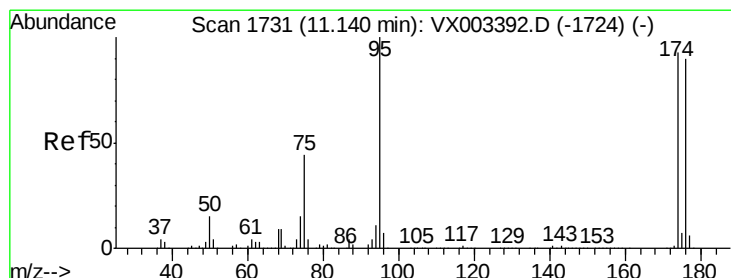
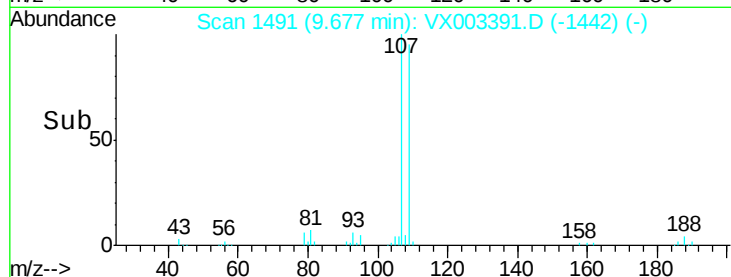
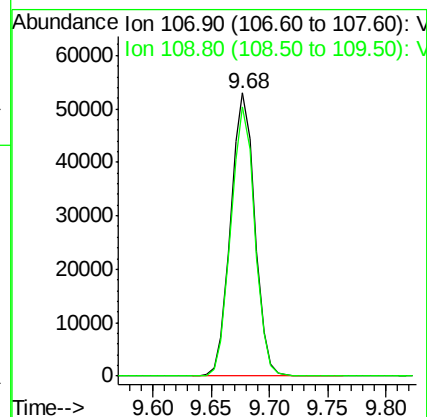
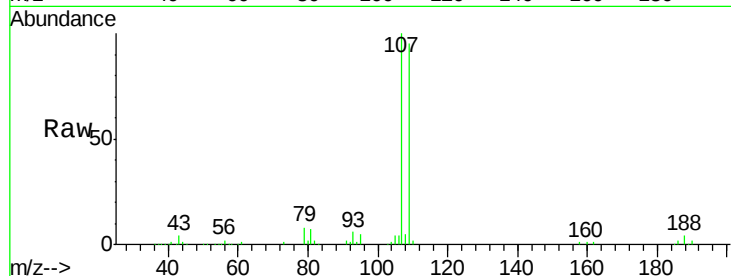
VSTDIC020

Tgt Ion: 107 Resp: 76100

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 19.854 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

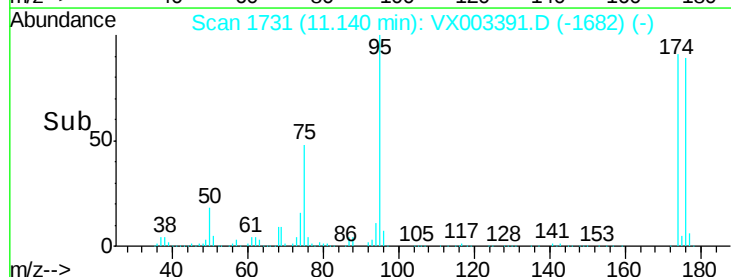
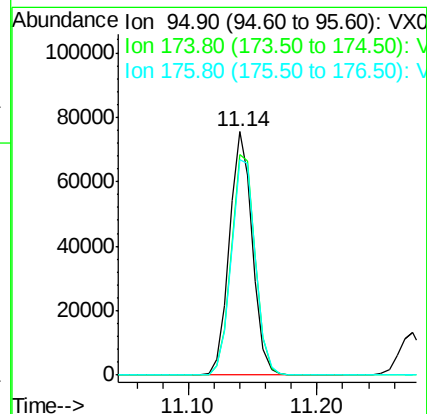
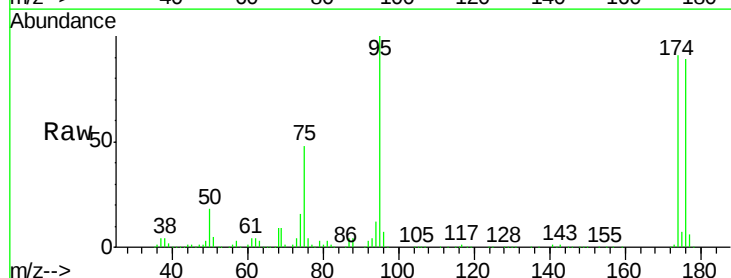
Tgt Ion: 95 Resp: 94805

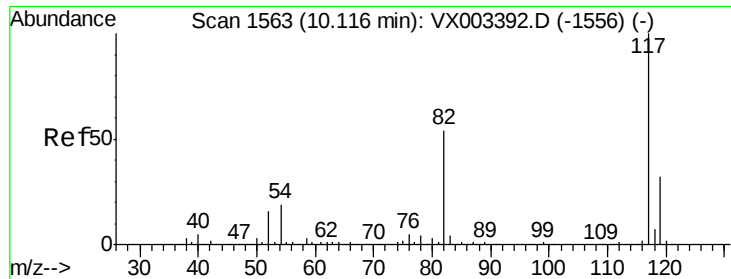
Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 92.9 0.0 181.0

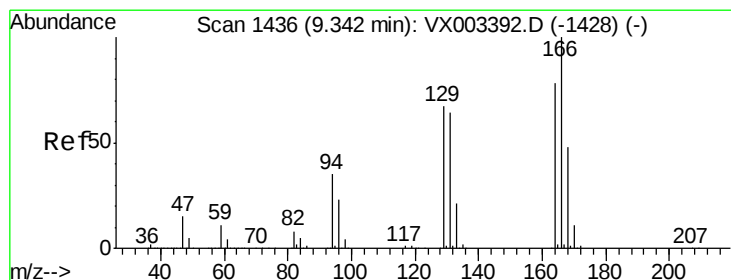
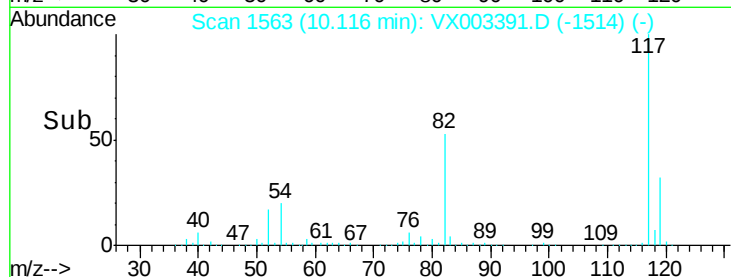
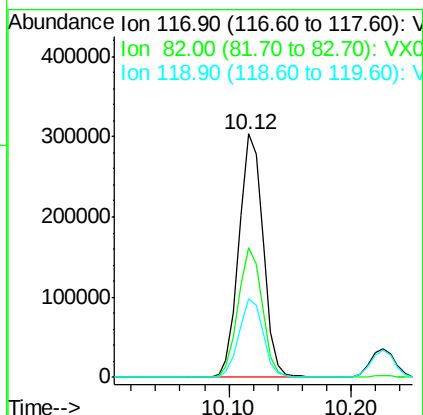
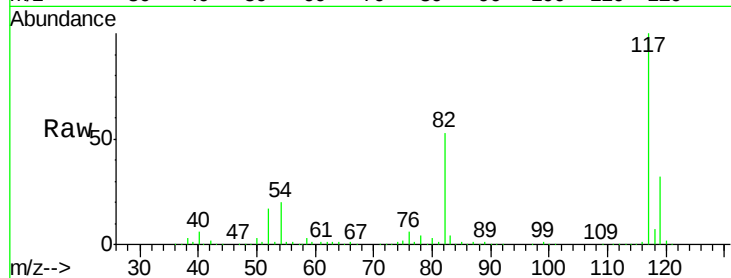




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

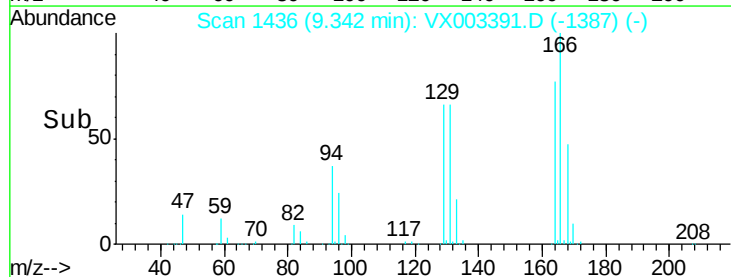
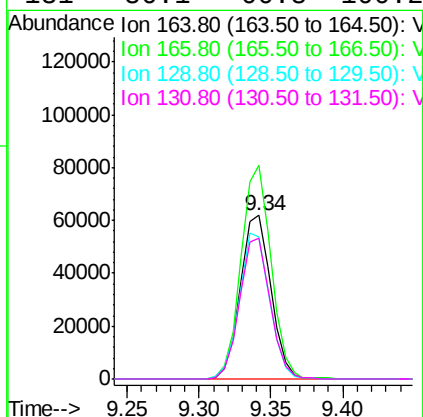
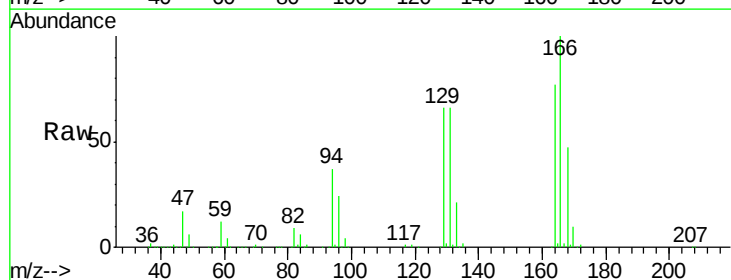
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

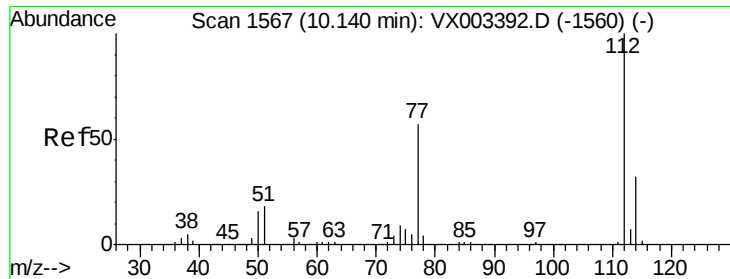
Tgt Ion:117 Resp: 414068
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 21.120 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion:164 Resp: 91492
Ion Ratio Lower Upper
164 100
166 130.7 102.9 154.3
129 86.7 68.6 102.8
131 86.1 66.8 100.2





#65

Chlorobenzene

Concen: 20.320 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

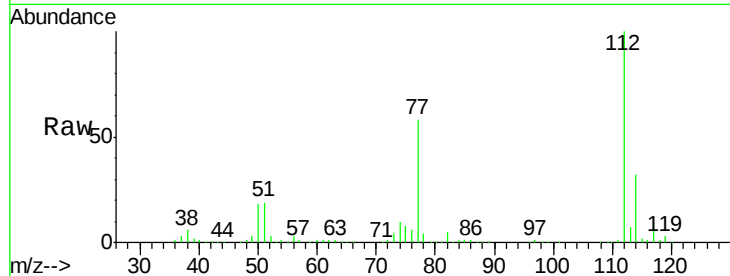
VSTDIC020

Tgt Ion:112 Resp: 198765

Ion Ratio Lower Upper

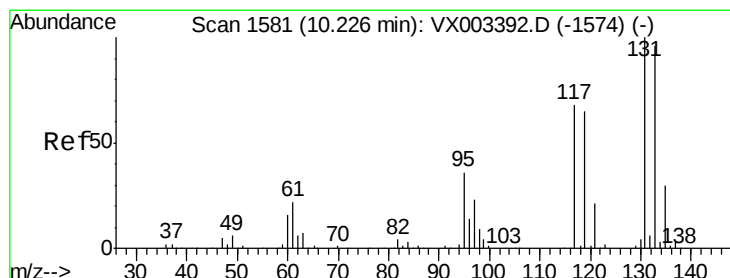
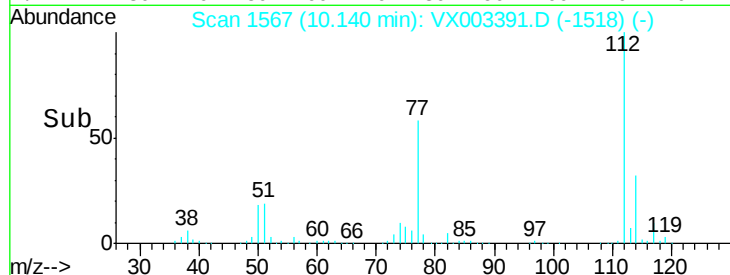
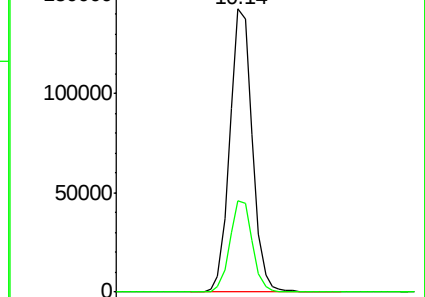
112 100

114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.997 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

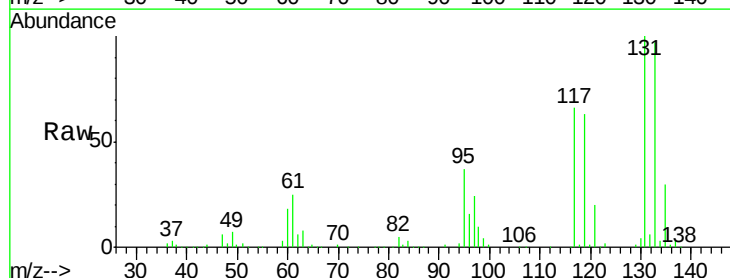
Tgt Ion:131 Resp: 73006

Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.6

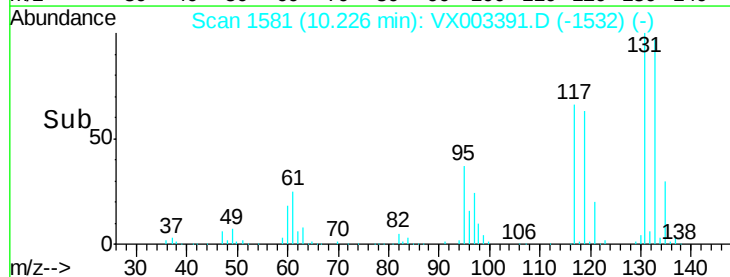
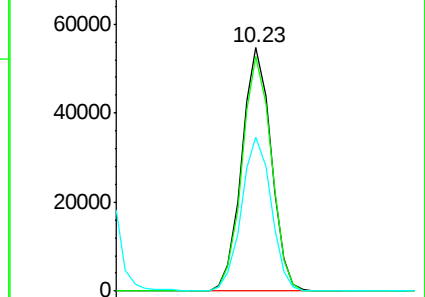
119 64.3 31.8 95.3

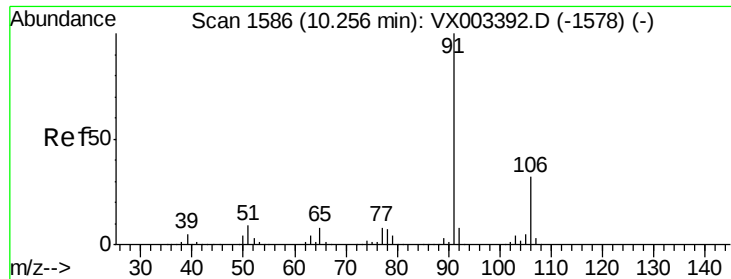


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

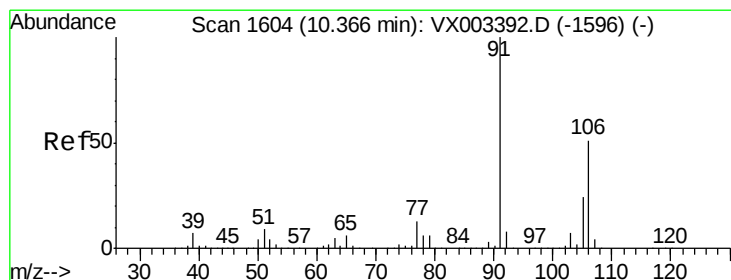
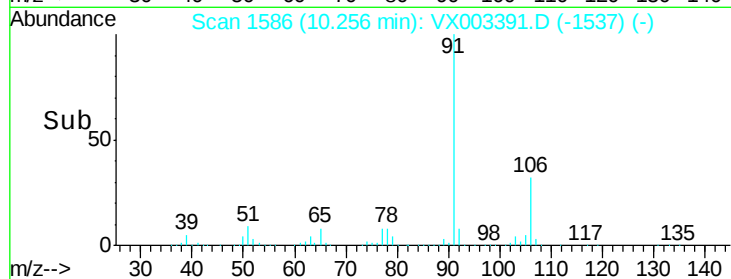
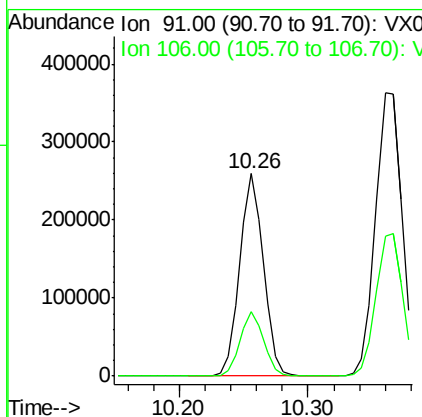
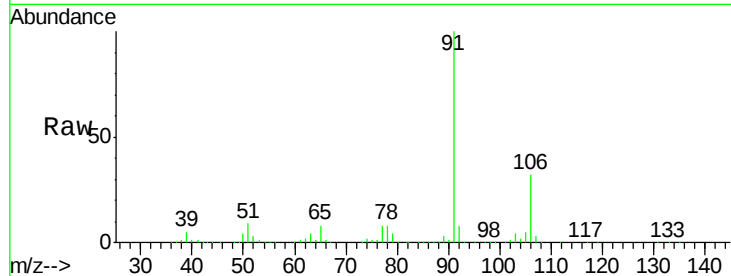




#67
Ethyl Benzene
Concen: 20.770 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

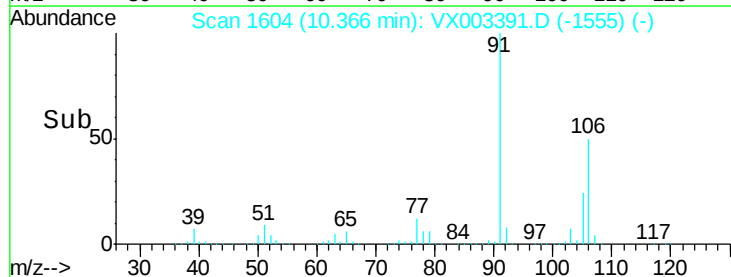
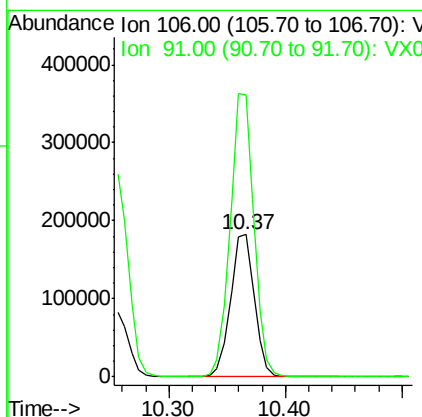
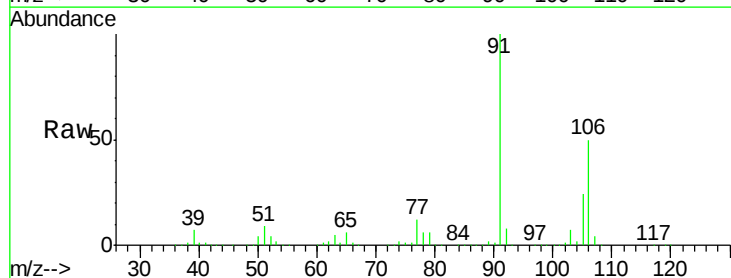
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

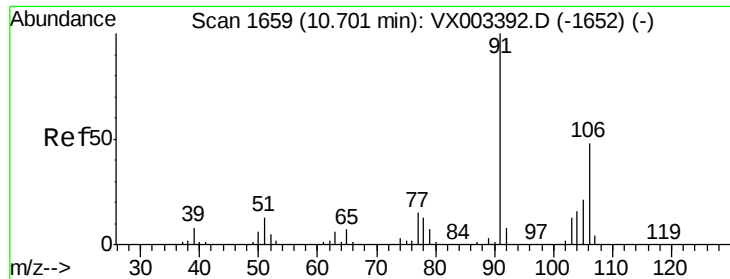
Tgt Ion: 91 Resp: 332054
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 41.920 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 106 Resp: 259243
Ion Ratio Lower Upper
106 100
91 198.8 163.4 245.2

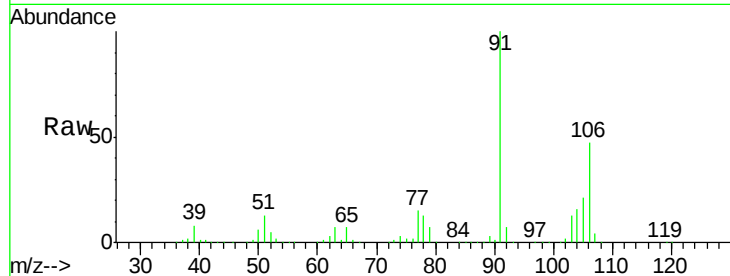




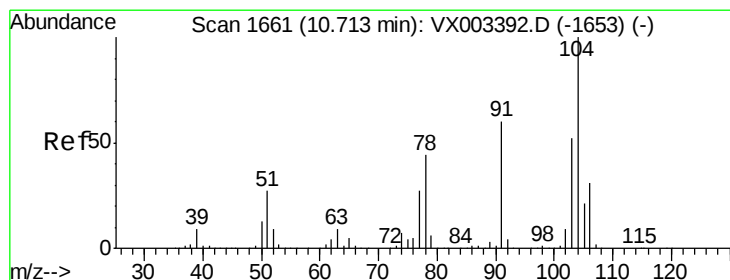
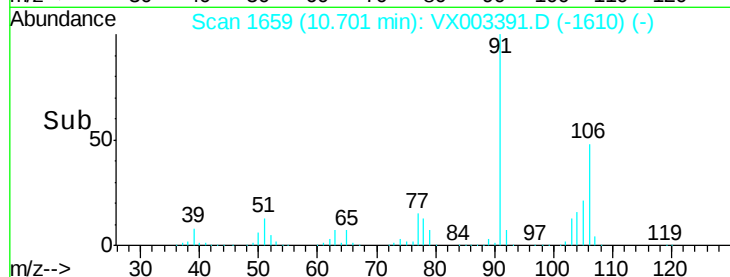
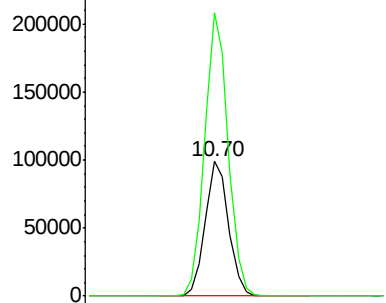
#69
o-Xylene
Concen: 21.179 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 125805
Ion Ratio Lower Upper
106 100
91 210.5 108.2 324.6

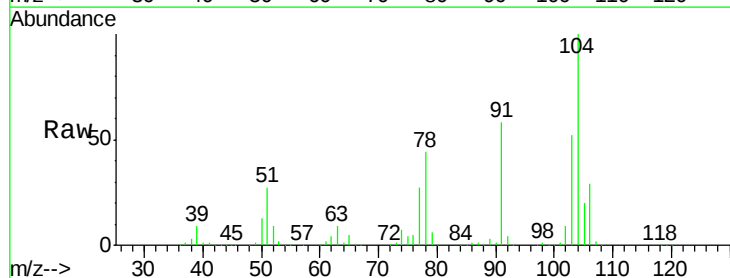


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

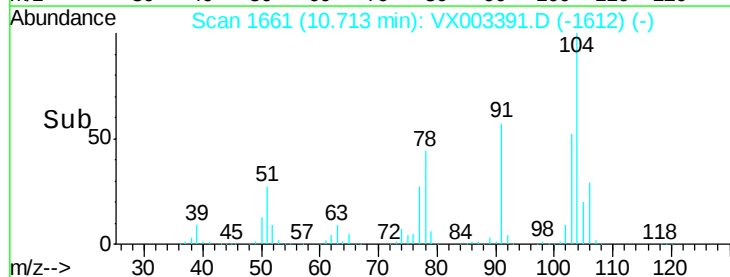
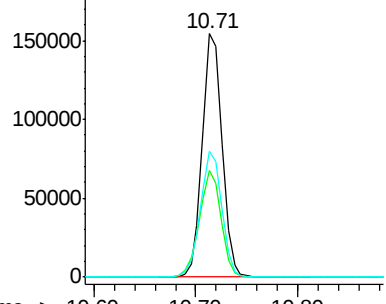


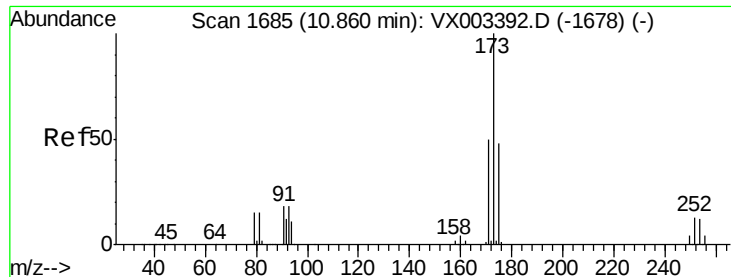
#70
Styrene
Concen: 21.116 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion:104 Resp: 206420
Ion Ratio Lower Upper
104 100
78 47.8 41.0 61.6
103 55.9 44.2 66.4



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





#71

Bromoform

Concen: 20.066 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

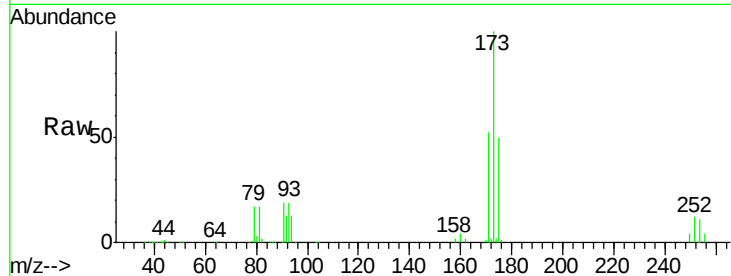
Tgt Ion:173 Resp: 56125

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

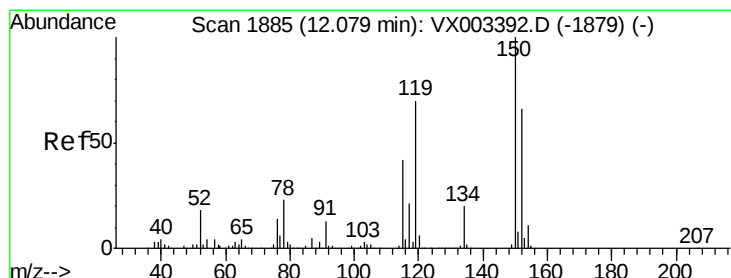
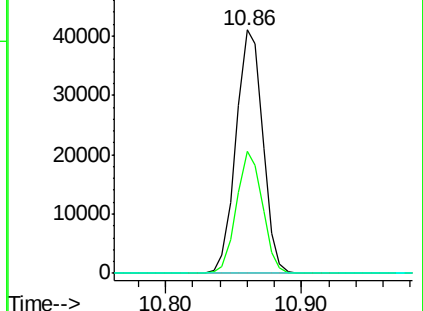
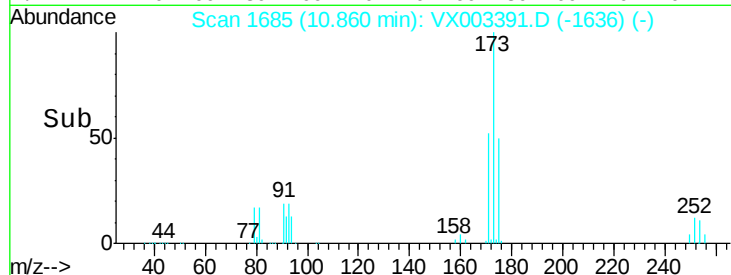
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

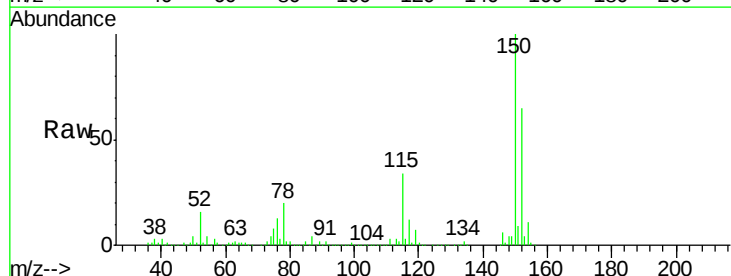
Tgt Ion:152 Resp: 244039

Ion Ratio Lower Upper

152 100

115 63.0 40.1 120.2

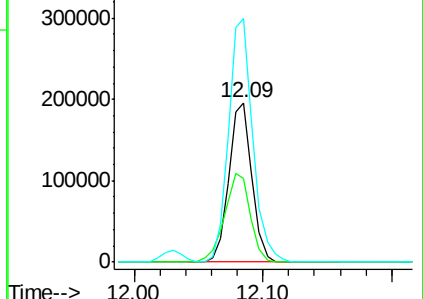
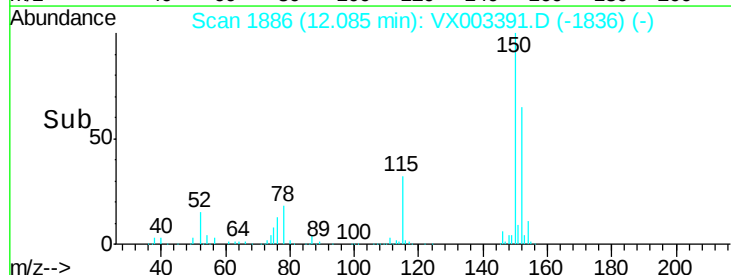
150 161.7 0.0 347.2

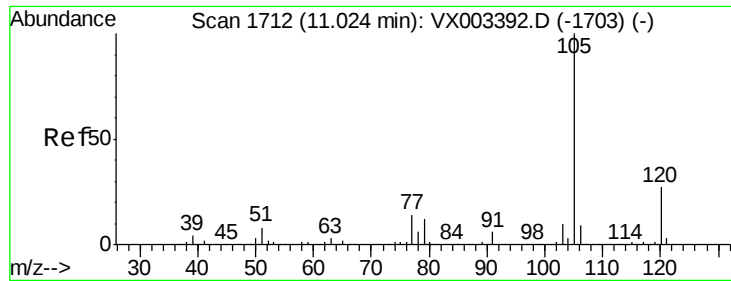


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.322 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

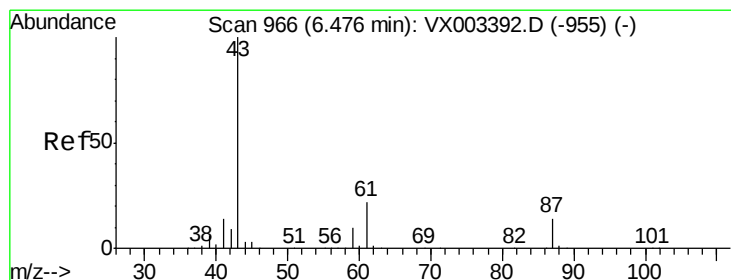
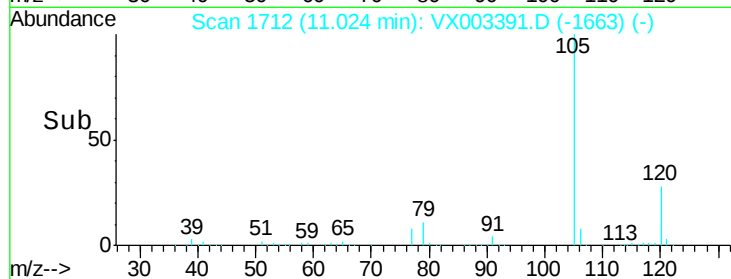
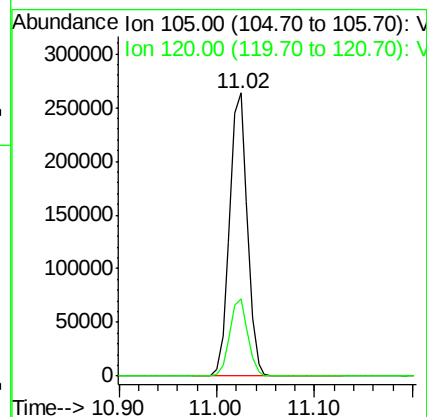
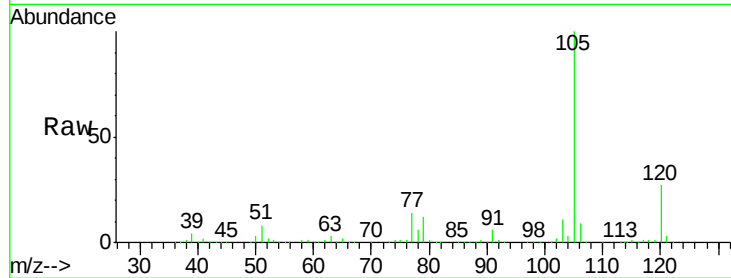
VSTDIC020

Tgt Ion:105 Resp: 333170

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 20.717 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Tgt Ion: 43 Resp: 155679

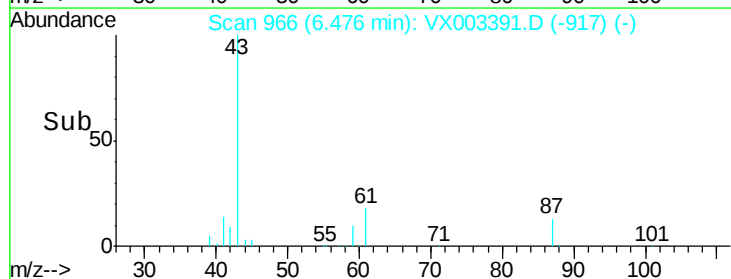
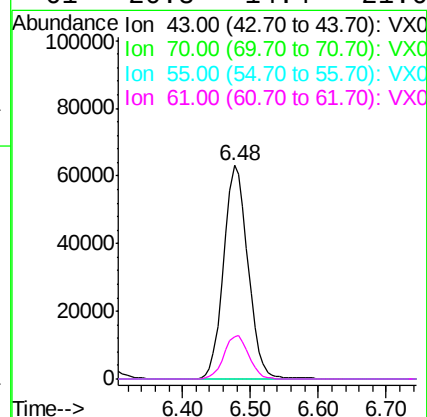
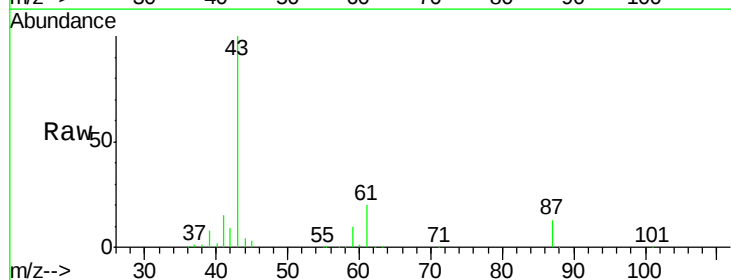
Ion Ratio Lower Upper

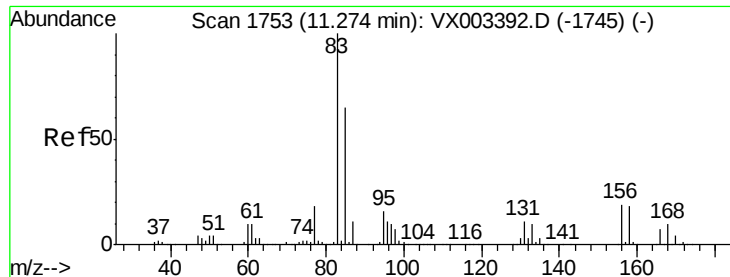
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.8 14.4 21.6

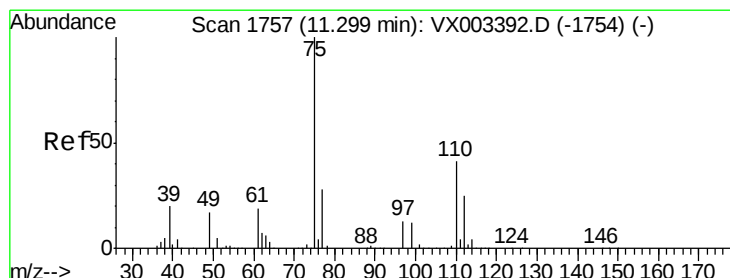
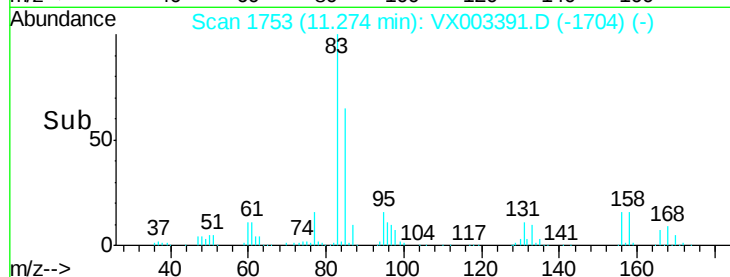
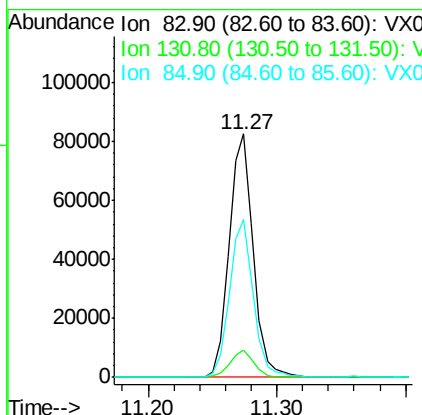
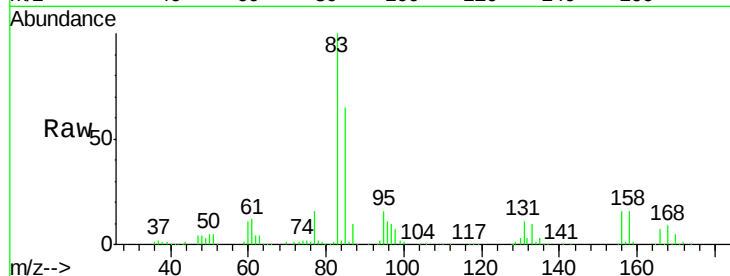




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.894 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

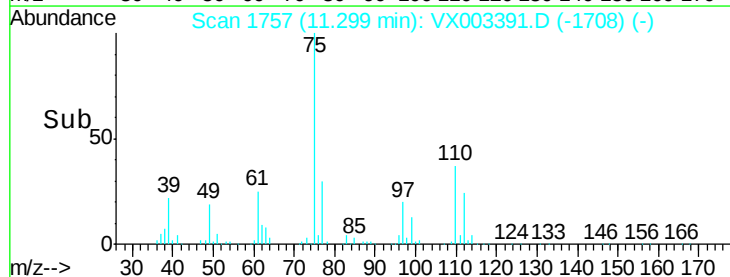
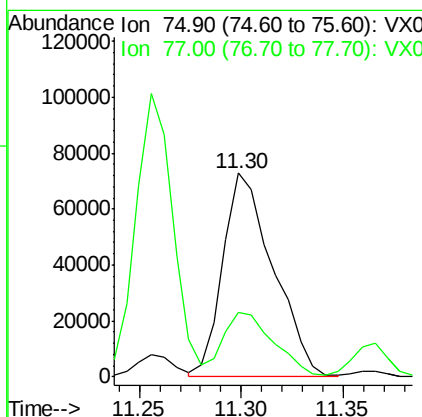
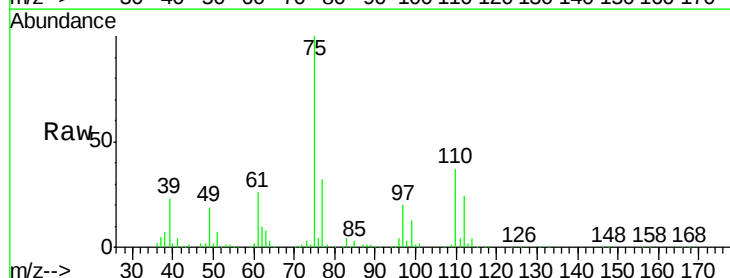
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

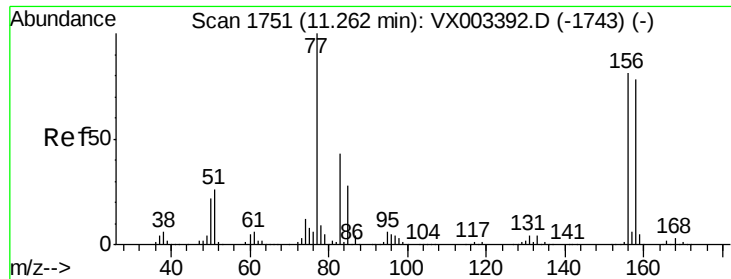
Tgt Ion: 83 Resp: 107771
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.4 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 28.291 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 75 Resp: 124987
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.8 68.3





#77

Bromobenzene

Concen: 20.662 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

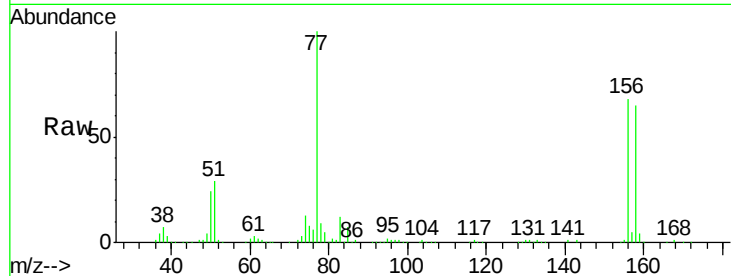
Tgt Ion:156 Resp: 91697

Ion Ratio Lower Upper

156 100

77 139.8 71.4 214.2

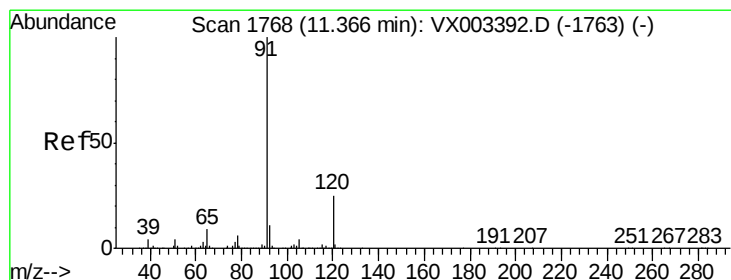
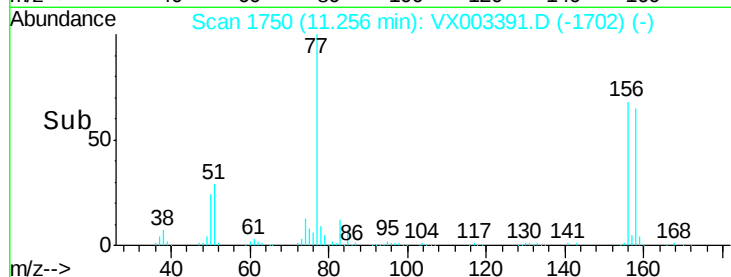
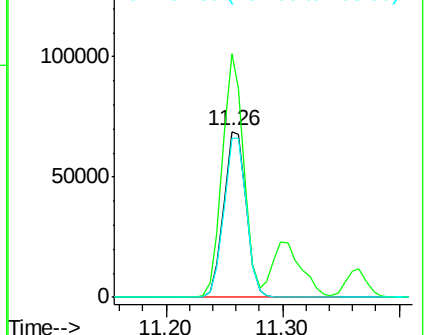
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.560 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003391.D

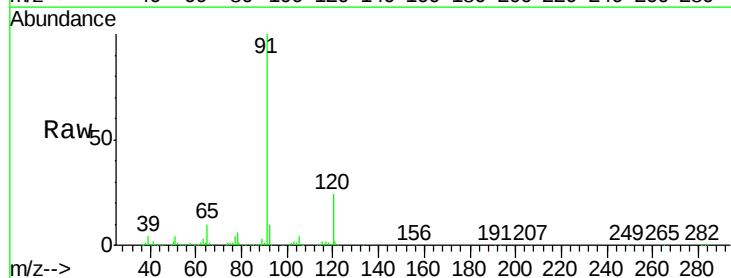
Acq: 16 Jul 2018 11:20

Tgt Ion: 91 Resp: 376372

Ion Ratio Lower Upper

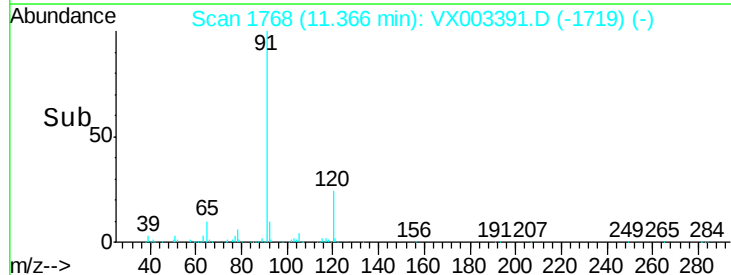
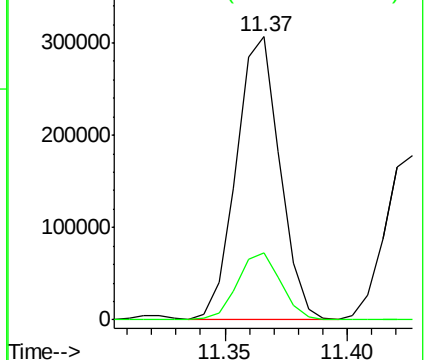
91 100

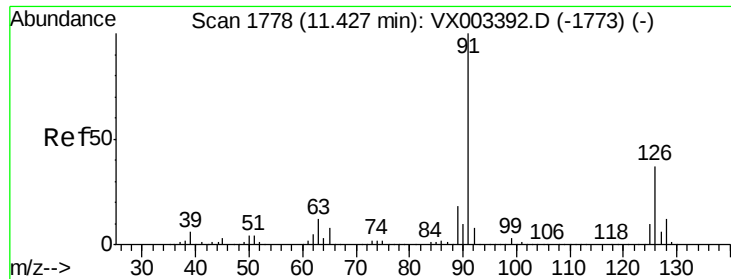
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.225 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

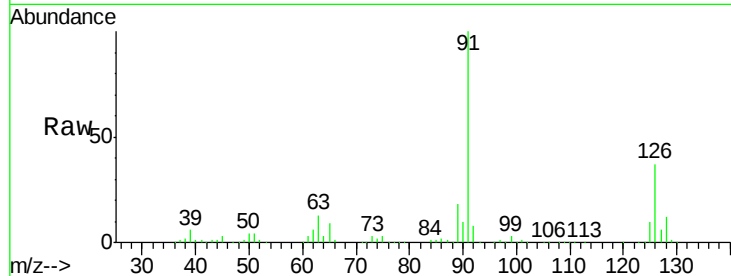
VSTDIC020

Tgt Ion: 91 Resp: 227161

Ion Ratio Lower Upper

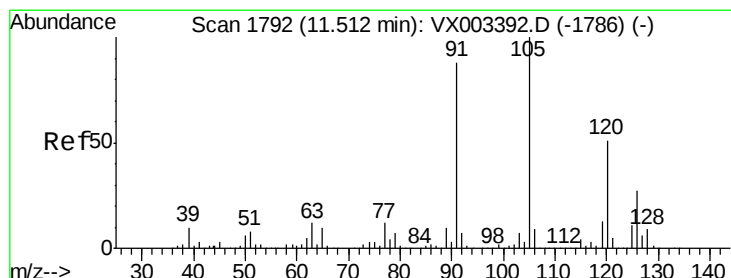
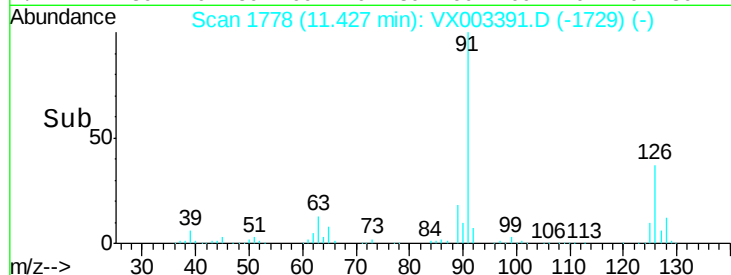
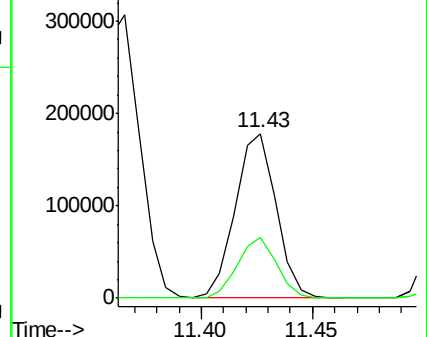
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.601 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003391.D

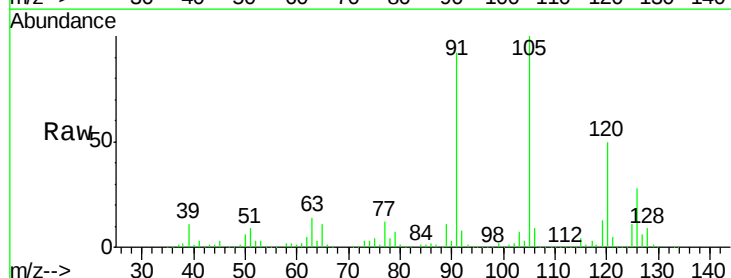
Acq: 16 Jul 2018 11:20

Tgt Ion: 105 Resp: 275729

Ion Ratio Lower Upper

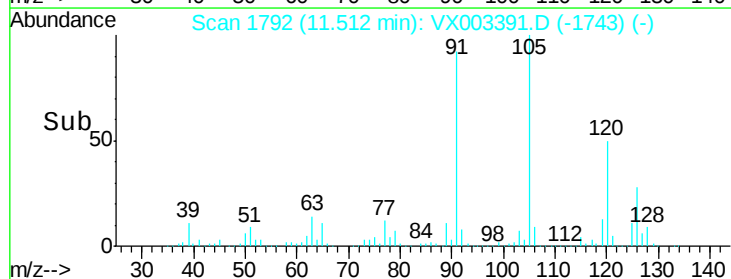
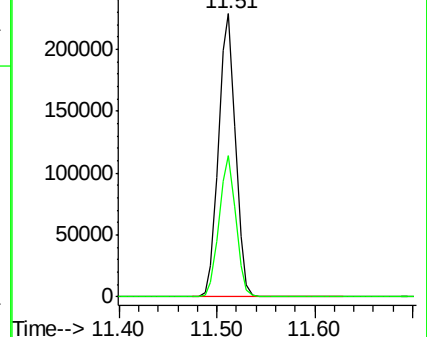
105 100

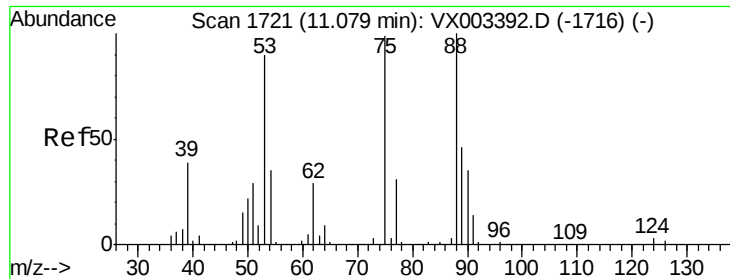
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.335 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

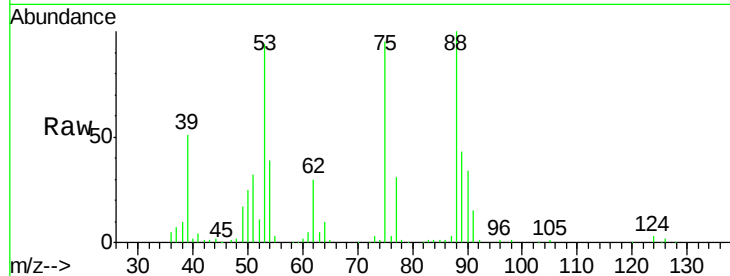
Tgt Ion: 75 Resp: 27654

Ion Ratio Lower Upper

75 100

53 102.2 86.8 130.2

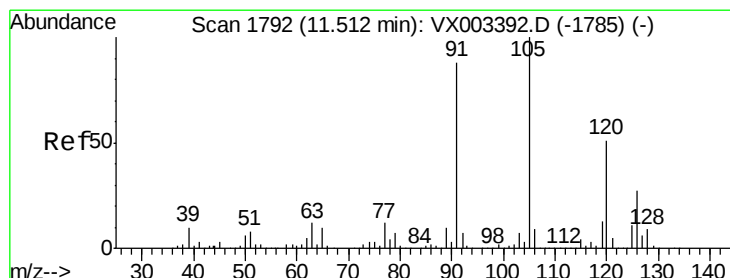
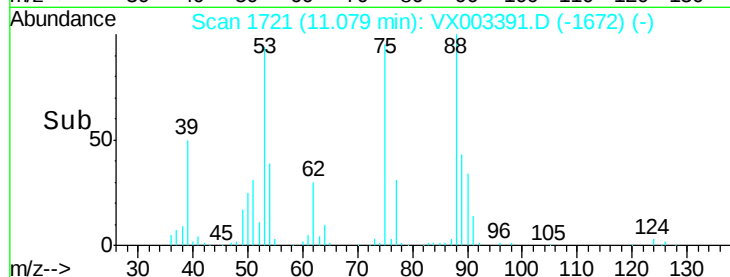
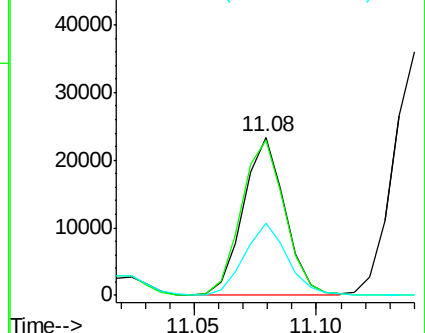
89 47.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.098 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003391.D

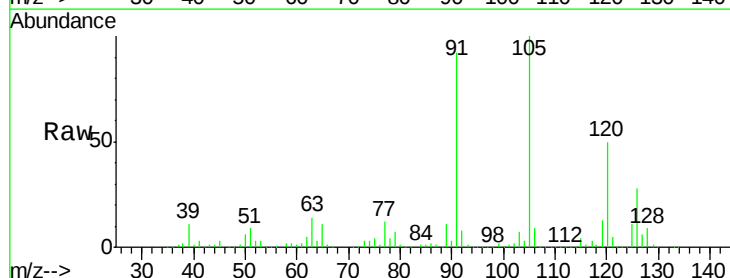
Acq: 16 Jul 2018 11:20

Tgt Ion: 91 Resp: 263455

Ion Ratio Lower Upper

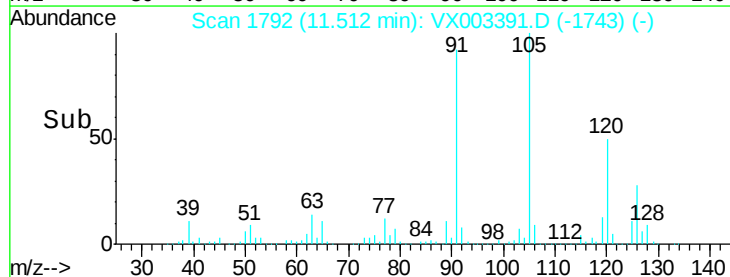
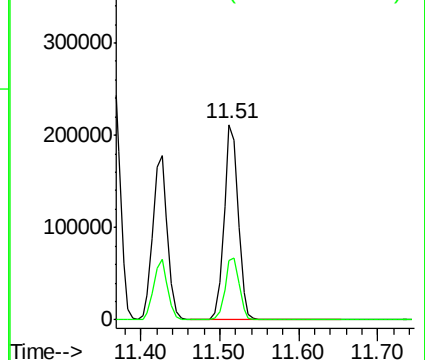
91 100

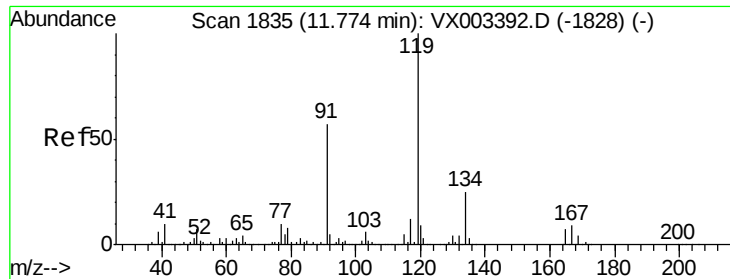
126 31.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

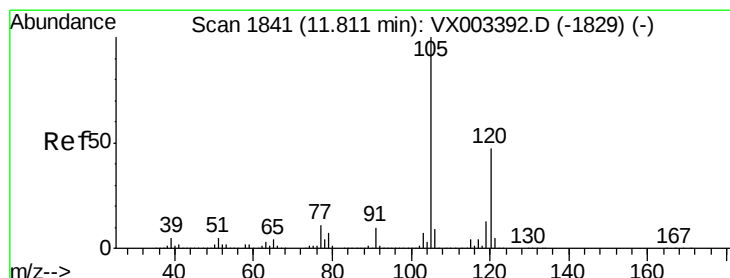
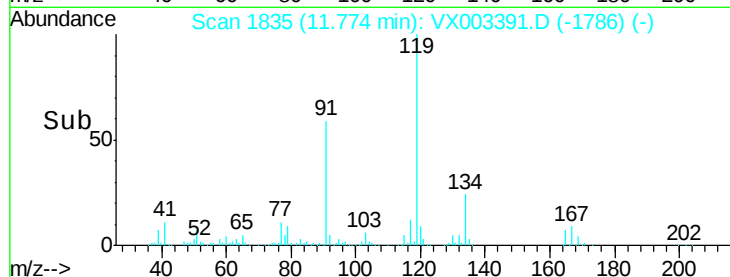
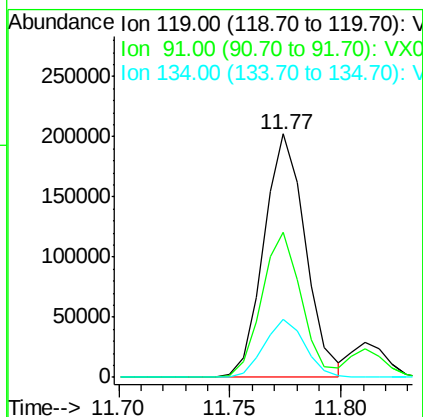
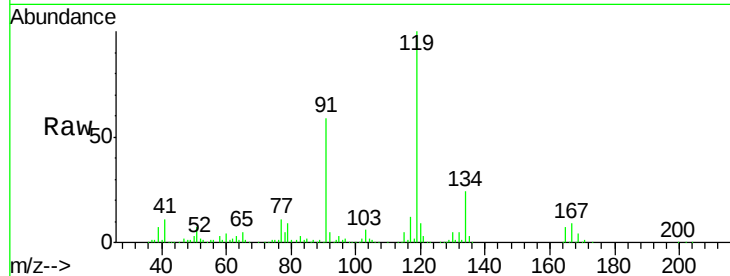




#83
tert-Butylbenzene
Concen: 21.054 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

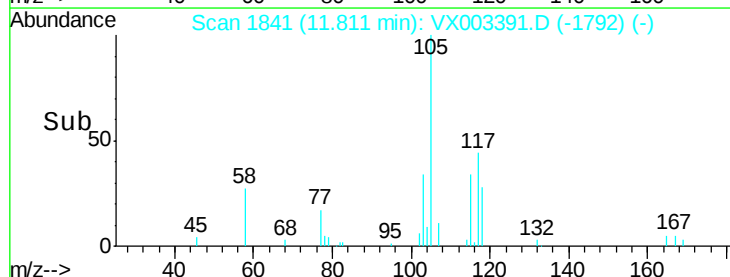
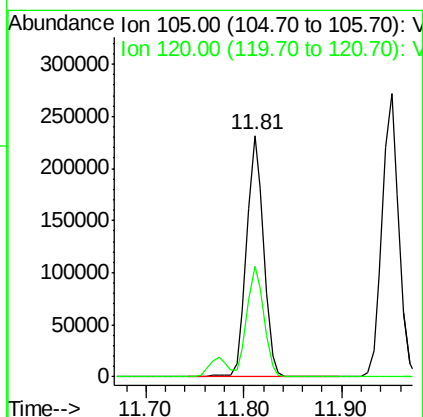
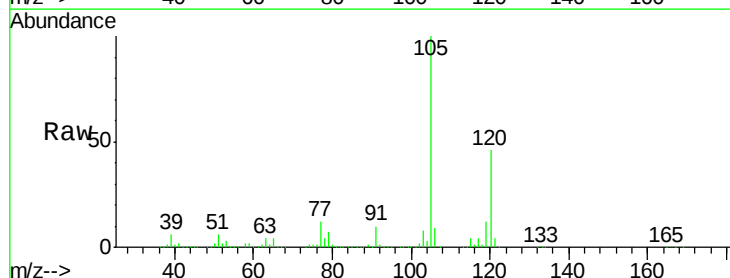
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

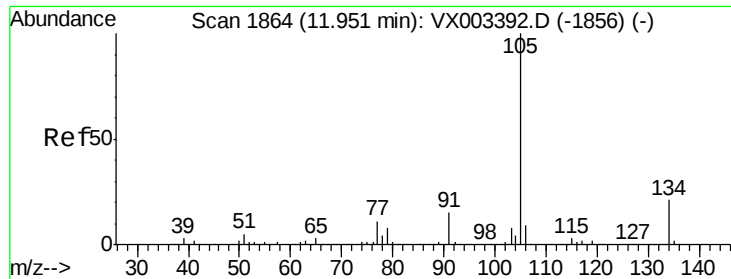
Tgt Ion:119 Resp: 262655
Ion Ratio Lower Upper
119 100
91 57.2 30.3 90.9
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.334 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion:105 Resp: 279744
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8

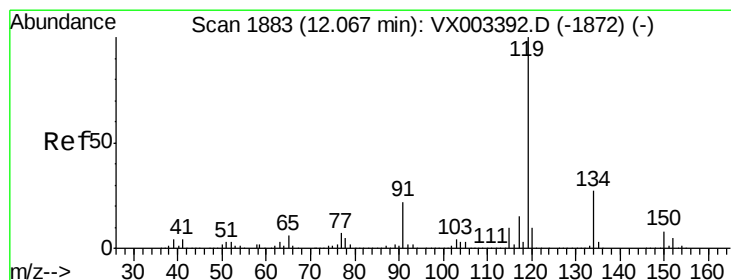
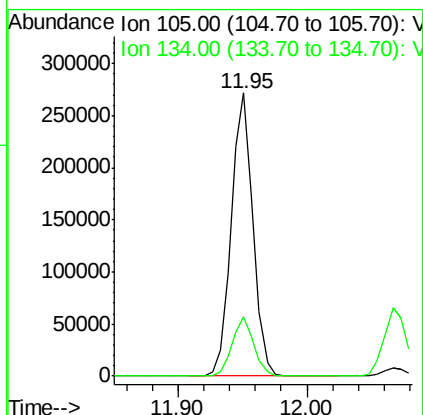
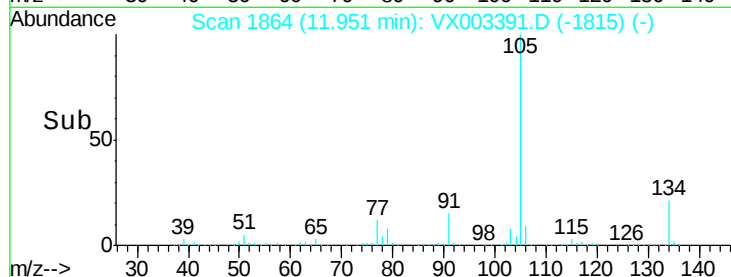
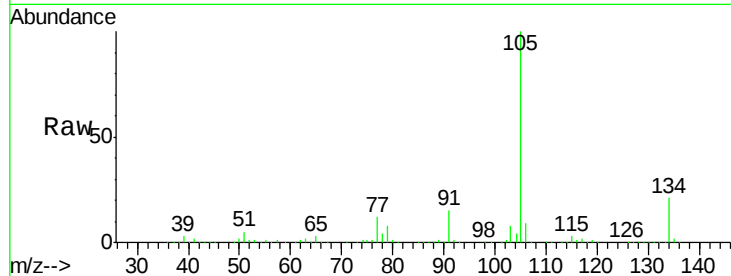




#85
 sec-Butylbenzene
 Concen: 21.094 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

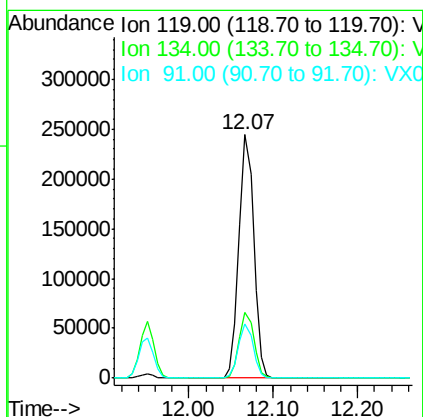
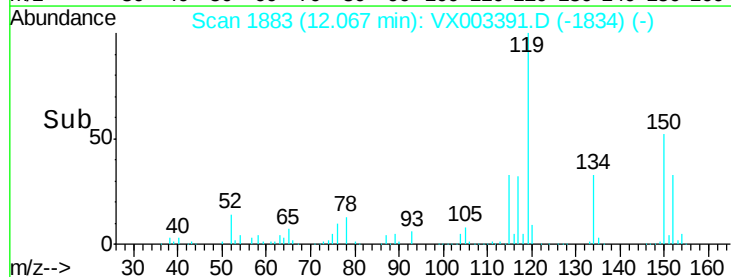
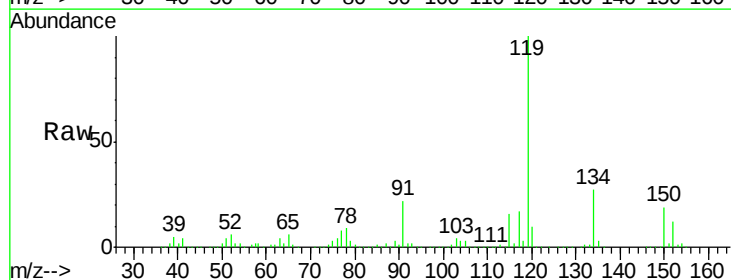
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

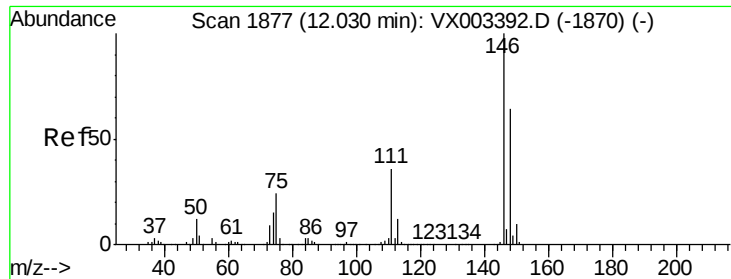
Tgt Ion:105 Resp: 319237
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.303 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion:119 Resp: 286983
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.223 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

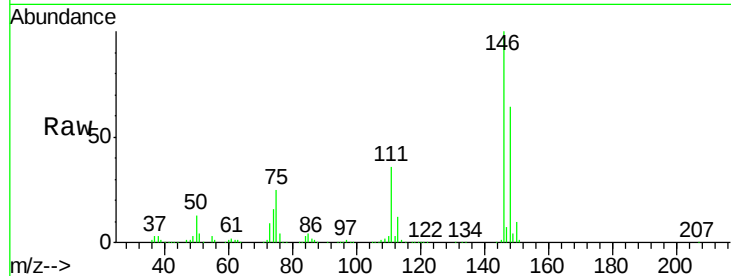
Tgt Ion:146 Resp: 164267

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

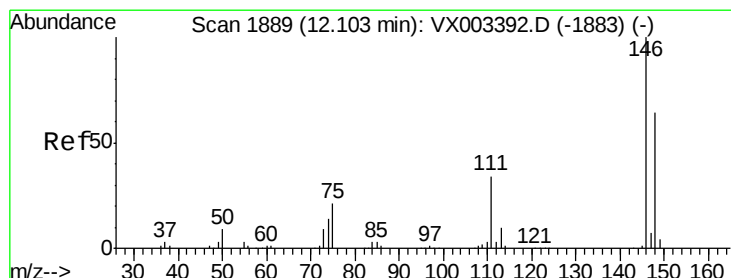
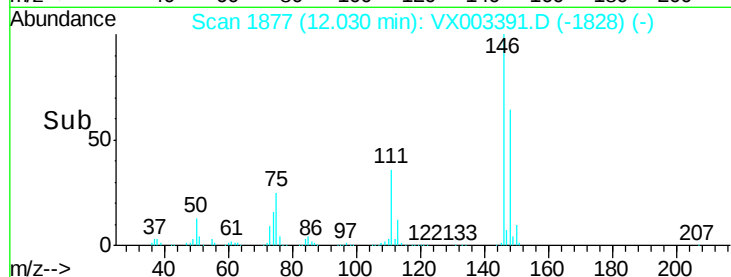
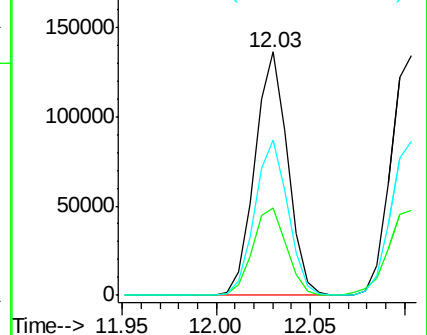
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.153 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003391.D

Acq: 16 Jul 2018 11:20

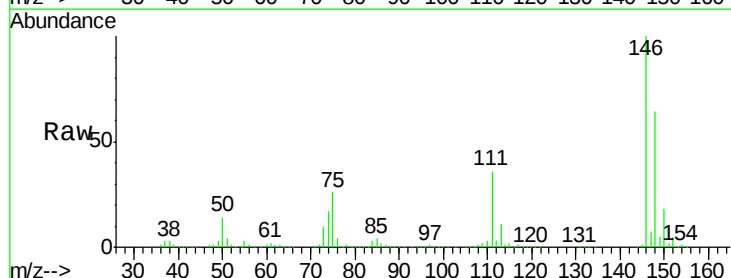
Tgt Ion:146 Resp: 166229

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

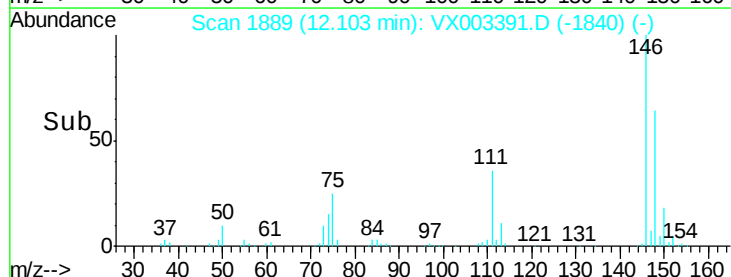
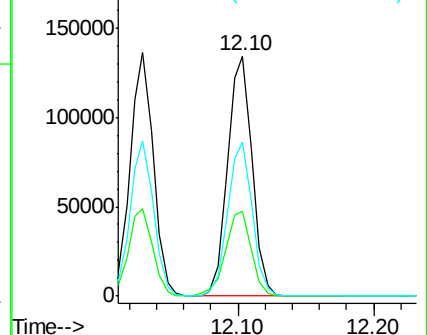
148 64.5 32.4 97.0

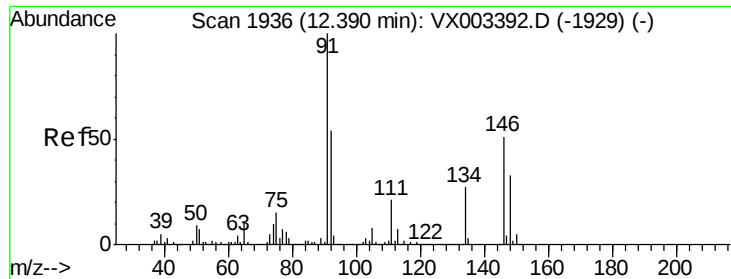


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

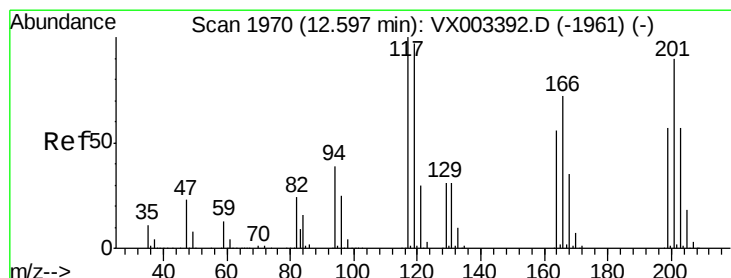
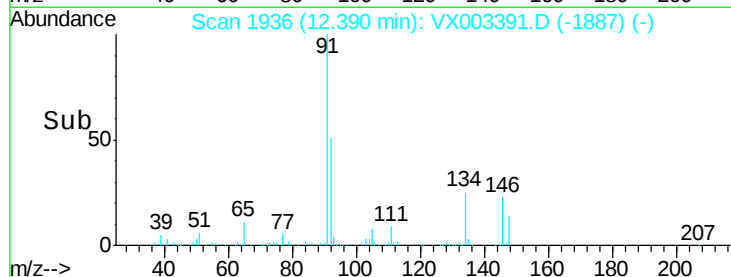
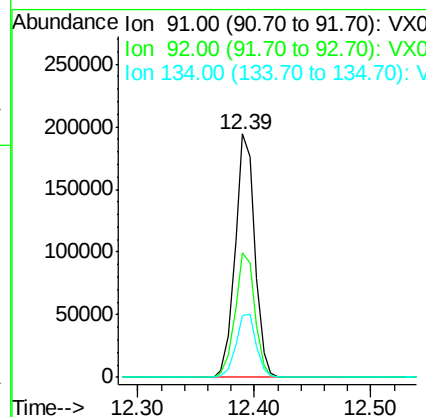
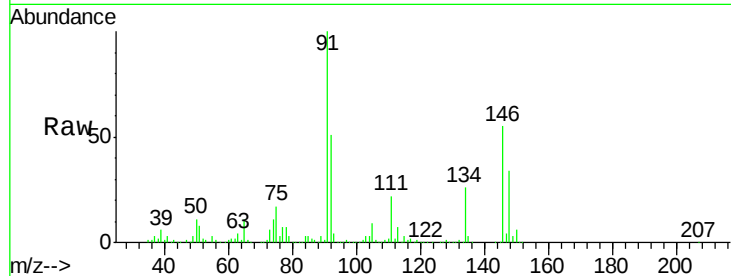




#89
n-Butylbenzene
Concen: 19.819 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

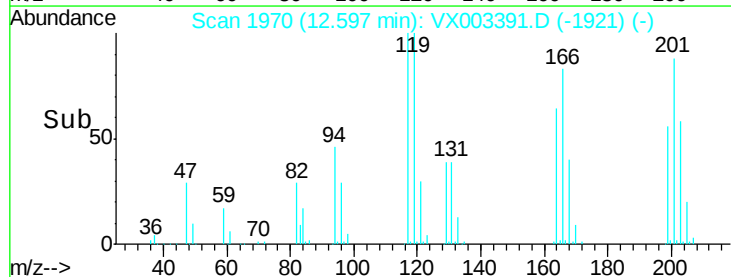
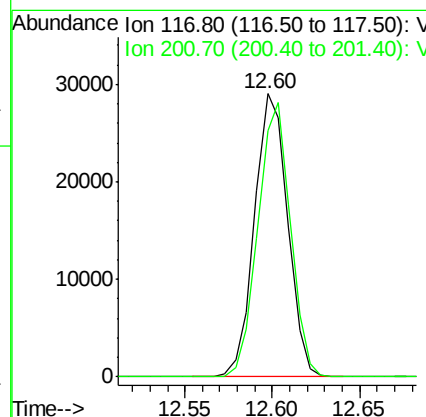
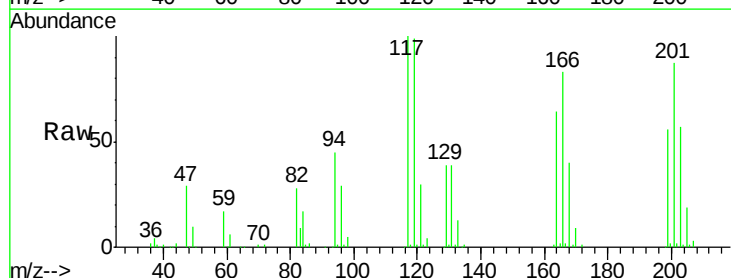
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

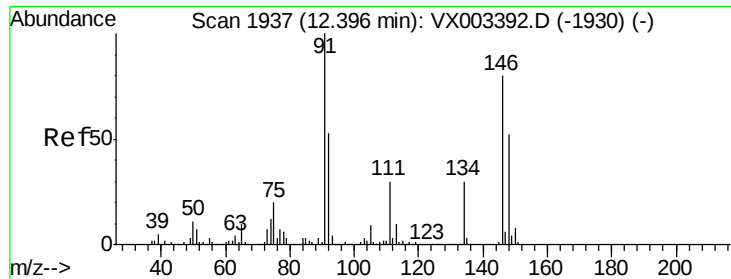
Tgt Ion: 91 Resp: 227435
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 18.697 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion: 117 Resp: 38164
Ion Ratio Lower Upper
117 100
201 95.0 49.0 147.0

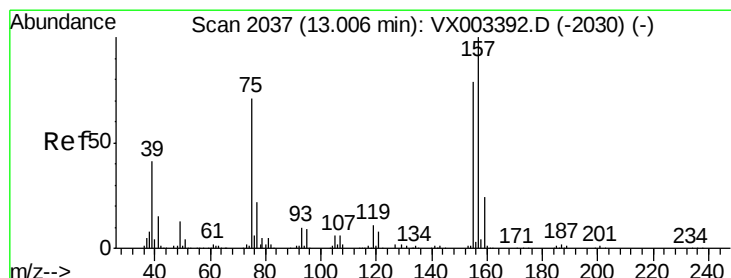
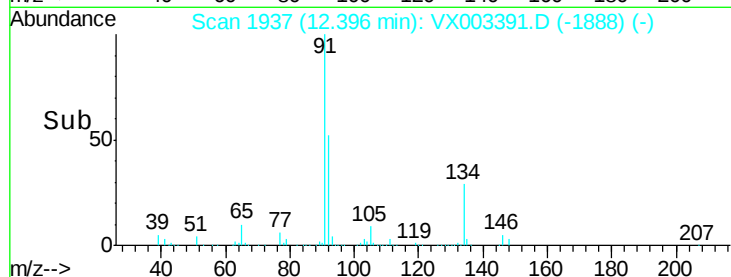
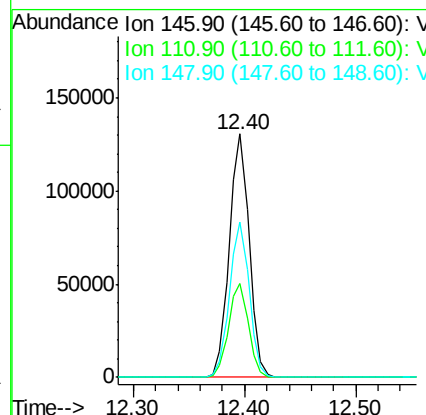
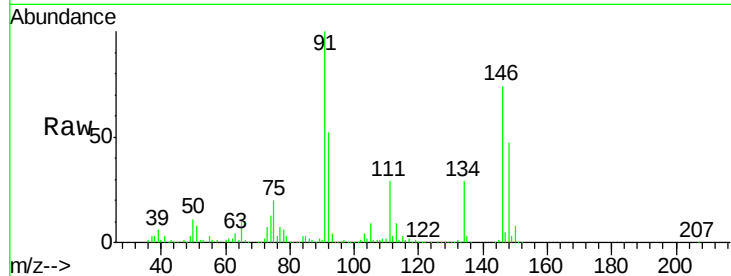




#91
 1,2-Dichlorobenzene
 Concen: 19.818 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

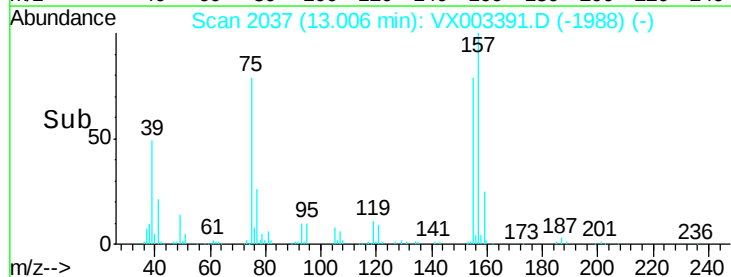
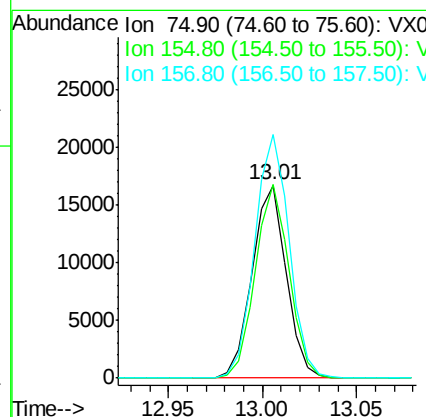
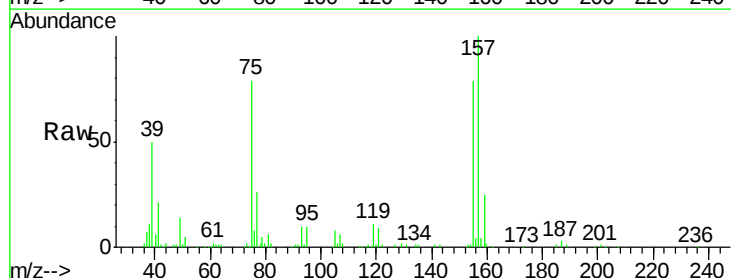
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

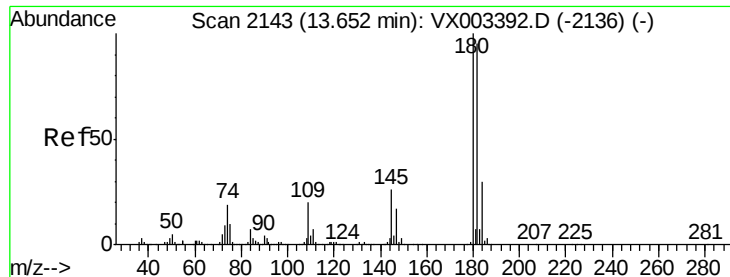
Tgt Ion:146 Resp: 161681
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.593 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion: 75 Resp: 21024
 Ion Ratio Lower Upper
 75 100
 155 99.1 45.8 137.4
 157 127.1 60.1 180.3

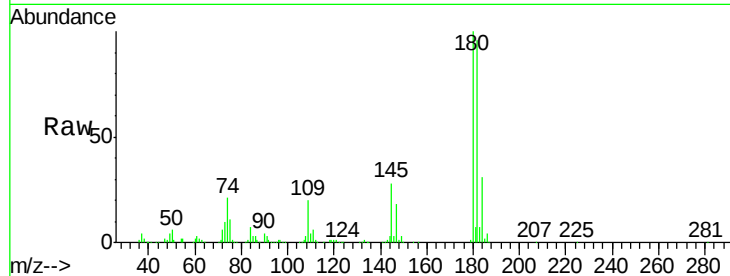




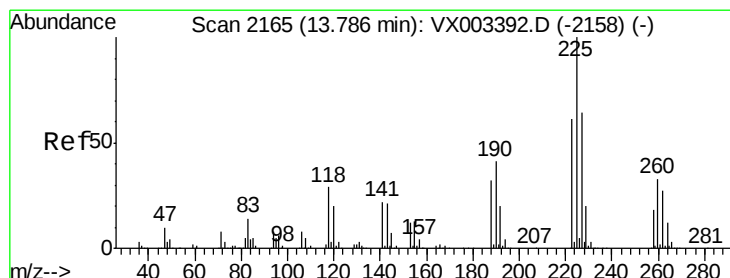
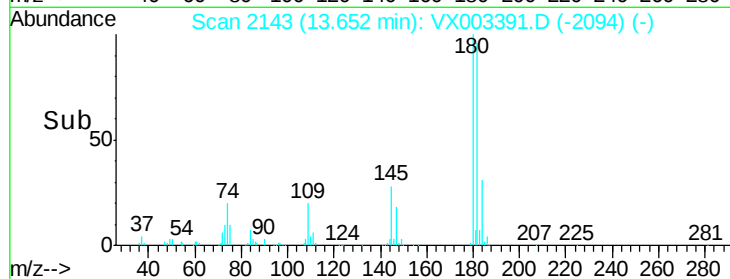
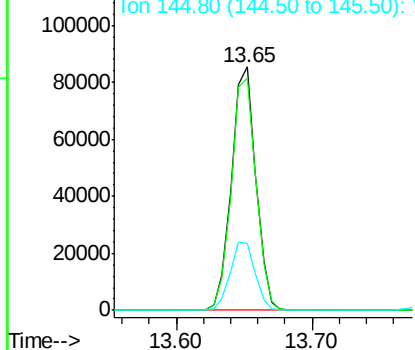
#93
 1,2,4-Trichlorobenzene
 Concen: 19.040 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 106288
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.7 143.1
 145 29.0 14.1 42.4

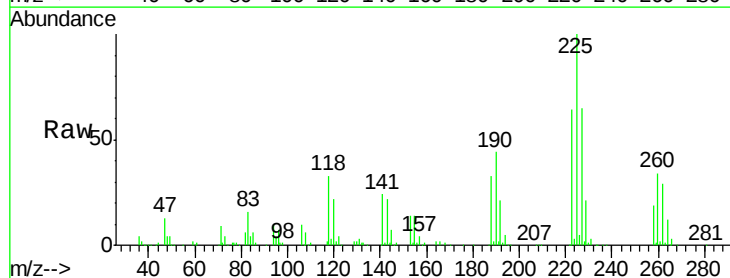


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

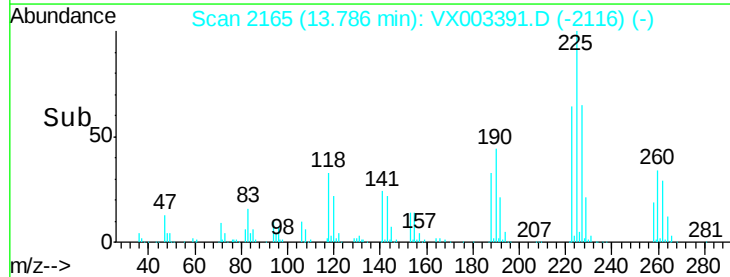
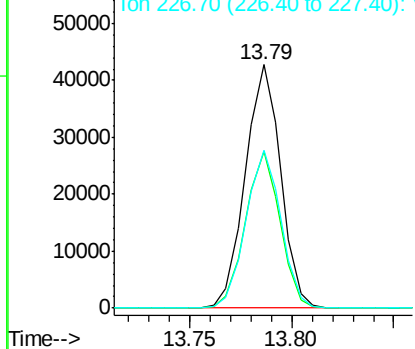


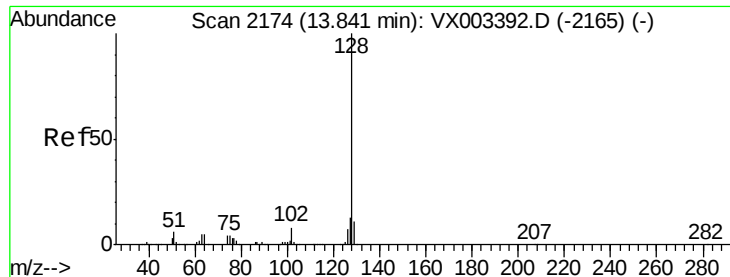
#94
 Hexachlorobutadiene
 Concen: 19.131 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003391.D
 Acq: 16 Jul 2018 11:20

Tgt Ion:225 Resp: 51407
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.2 32.4 97.2



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

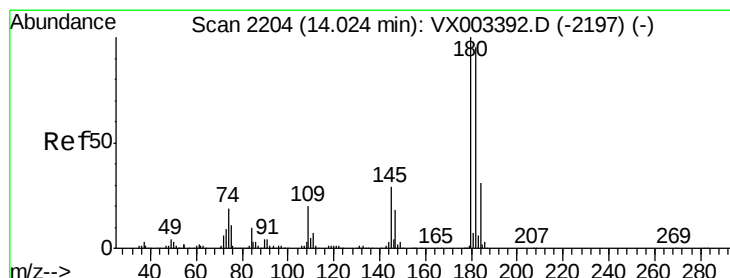
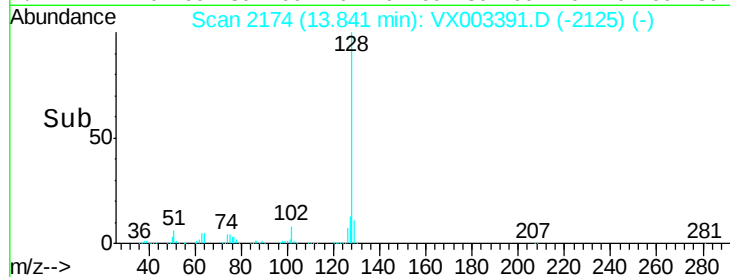
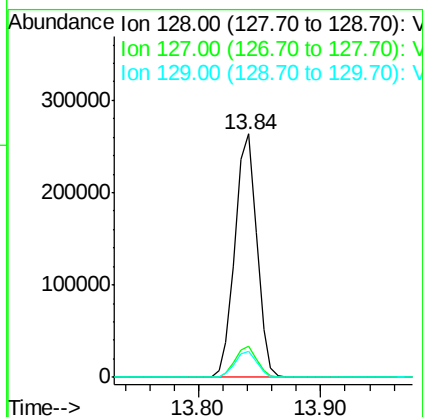
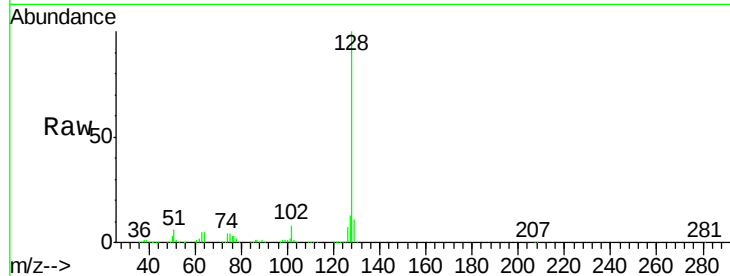




#95
Naphthalene
Concen: 20.310 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 324977
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.676 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003391.D
Acq: 16 Jul 2018 11:20

Tgt Ion:180 Resp: 112978
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.0
145 29.4 14.8 44.3

