

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003364.D
 Acq On : 13 Jul 2018 13:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 14 01:17:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	434914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310926	94.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.46%	
35) Dibromofluoromethane	5.51	113	293068	91.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.12%	
50) Toluene-d8	8.72	98	1002126	97.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.24%	
62) 4-Bromofluorobenzene	11.14	95	393204	88.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	223627	93.359	ug/l	98
3) Chloromethane	1.32	50	276080	95.285	ug/l	99
4) Vinyl Chloride	1.41	62	330785	83.831	ug/l	100
5) Bromomethane	1.64	94	129368	57.951	ug/l	98
6) Chloroethane	1.71	64	214742	100.522	ug/l	99
7) Trichlorofluoromethane	1.92	101	474599	83.483	ug/l	100
8) Diethyl Ether	2.19	74	215800	85.720	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	306097	83.775	ug/l	97
10) Methyl Iodide	2.51	142	372748	100.449	ug/l	93
11) Tert butyl alcohol	3.09	59	367465	414.662	ug/l	100
12) 1,1-Dichloroethene	2.37	96	281945	83.099	ug/l	90
13) Acrolein	2.29	56	132764	459.617	ug/l	100
14) Allyl chloride	2.73	41	546198	83.931	ug/l	87
15) Acrylonitrile	3.15	53	926800	418.894	ug/l	98
16) Acetone	2.45	43	711673	414.849	ug/l	# 89
17) Carbon Disulfide	2.56	76	687380	82.510	ug/l	99
18) Methyl Acetate	2.78	43	459289	86.225	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1038868	85.628	ug/l	100
20) Methylene Chloride	2.86	84	331477	91.878	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	303163	83.734	ug/l	94
22) Diisopropyl ether	3.88	45	1037547	85.647	ug/l	94
23) Vinyl Acetate	3.83	43	4263130	430.670	ug/l	95
24) 1,1-Dichloroethane	3.70	63	578191	84.183	ug/l	100
25) 2-Butanone	4.71	43	1157746	435.412	ug/l	92
26) 2,2-Dichloropropane	4.59	77	422881	86.990	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	360069	90.473	ug/l	91
28) Bromochloromethane	5.03	49	275986	88.197	ug/l	88
29) Tetrahydrofuran	5.17	42	755079	444.531	ug/l	92
30) Chloroform	5.22	83	582061	88.416	ug/l	97
31) Cyclohexane	5.57	56	480684	91.450	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	500038	91.176	ug/l	97
36) 1,1-Dichloropropene	5.80	75	419434	90.779	ug/l	98
37) Ethyl Acetate	4.87	43	446881	88.260	ug/l	96
38) Carbon Tetrachloride	5.78	117	442001	93.843	ug/l	99

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 ClientSampleId :
 VSTDICC100

Quant Time: Jul 14 01:17:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	495593	94.754	ug/l	94
40) Benzene	6.15	78	1315078	90.877	ug/l	99
41) Methacrylonitrile	5.07	41	259966	89.626	ug/l	92
42) 1,2-Dichloroethane	6.20	62	435000	86.056	ug/l	95
43) Isopropyl Acetate	6.47	43	734734	92.602	ug/l	93
44) Trichloroethene	7.21	130	376988	91.936	ug/l	99
45) 1,2-Dichloropropane	7.52	63	353757	92.155	ug/l	100
46) Dibromomethane	7.67	93	226905	91.936	ug/l	96
47) Bromodichloromethane	7.90	83	445912	95.827	ug/l	99
48) Methyl methacrylate	7.78	41	379545	93.722	ug/l	85
49) 1,4-Dioxane	7.76	88	164939	1866.389	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	2400968	462.918	ug/l	92
52) Toluene	8.79	92	832633	90.800	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	541327	99.040	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	495436	99.229	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	342447	89.471	ug/l	98
56) Ethyl methacrylate	9.18	69	534610	97.787	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	555341	89.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1299999	489.333	ug/l	98
59) 2-Hexanone	9.50	43	1771979	463.199	ug/l	90
60) Dibromochloromethane	9.59	129	357924	96.336	ug/l	100
61) 1,2-Dibromoethane	9.68	107	348616	90.329	ug/l	100
64) Tetrachloroethene	9.34	164	381928	91.515	ug/l	99
65) Chlorobenzene	10.14	112	916299	92.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	340302	97.257	ug/l	99
67) Ethyl Benzene	10.26	91	1555366	96.585	ug/l	100
68) m/p-Xylenes	10.36	106	1211679	195.321	ug/l	97
69) o-Xylene	10.70	106	595741	98.323	ug/l	97
70) Styrene	10.71	104	1018112	99.987	ug/l	98
71) Bromoform	10.86	173	283805	105.948	ug/l	99
73) Isopropylbenzene	11.02	105	1585671	94.244	ug/l	100
74) N-amyl acetate	6.47	43	734734	94.208	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	502402	91.466	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	593898	123.541	ug/l	80
77) Bromobenzene	11.26	156	435896	91.686	ug/l	100
78) n-propylbenzene	11.37	91	1820158	95.708	ug/l	99
79) 2-Chlorotoluene	11.43	91	1074745	91.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1341852	96.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	155079	107.553	ug/l	89
82) 4-Chlorotoluene	11.51	91	1281439	93.635	ug/l	99
83) tert-Butylbenzene	11.77	119	1328473	96.231	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1370807	96.914	ug/l	97
85) sec-Butylbenzene	11.95	105	1586851	96.174	ug/l	100
86) p-Isopropyltoluene	12.07	119	1438242	97.433	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	805098	90.702	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	820426	91.033	ug/l	99
89) n-Butylbenzene	12.39	91	1264321	100.094	ug/l	99
90) Hexachloroethane	12.60	117	227087	102.629	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	822742	92.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108994	100.071	ug/l	95

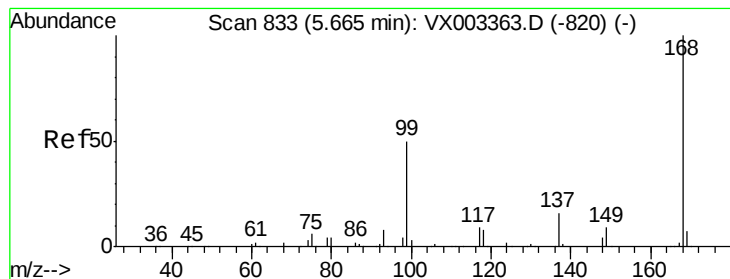
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003364.D
Acq On : 13 Jul 2018 13:18
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MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 14 01:17:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	577267	94.992	ug/l	100
94) Hexachlorobutadiene	13.79	225	265794	92.692	ug/l	99
95) Naphthalene	13.83	128	1697781	99.678	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	577991	94.240	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

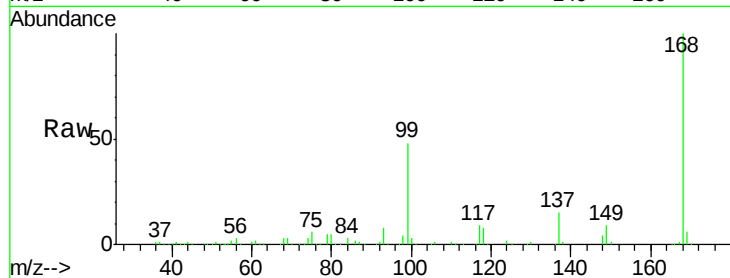
VSTDIC100

Tgt Ion:168 Resp: 305605

Ion Ratio Lower Upper

168 100

99 47.5 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

120000

100000

80000

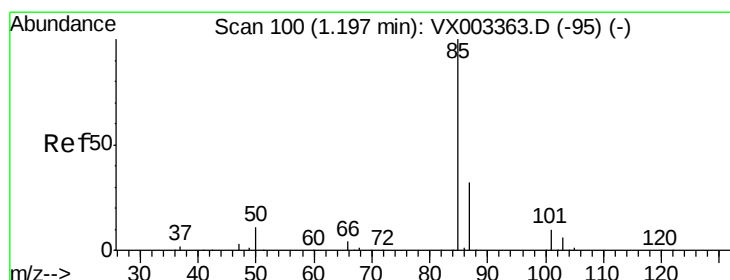
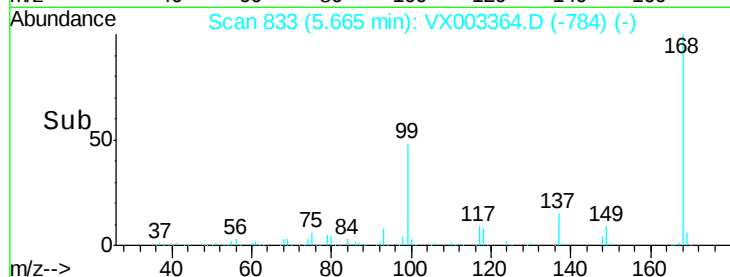
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 93.359 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003364.D

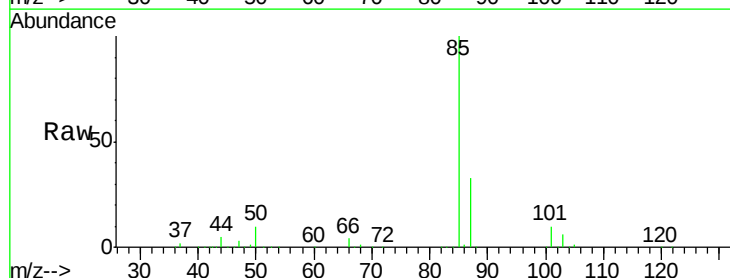
Acq: 13 Jul 2018 13:18

Tgt Ion: 85 Resp: 223627

Ion Ratio Lower Upper

85 100

87 32.9 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

250000

200000

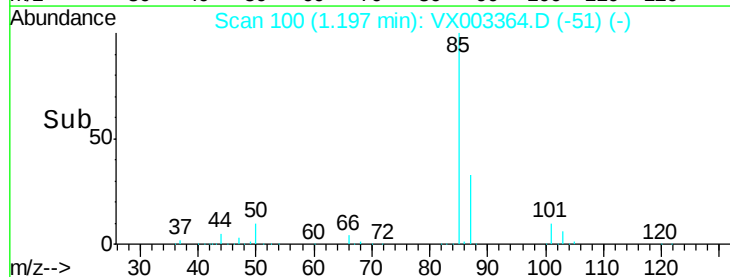
150000

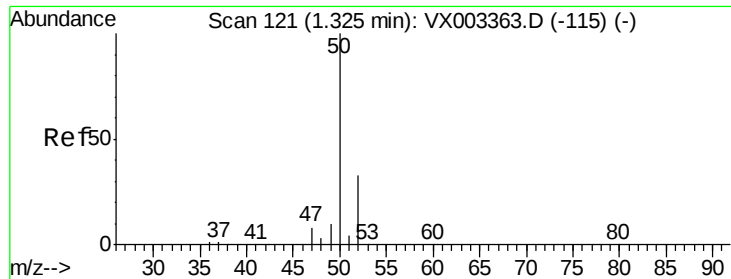
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 95.285 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

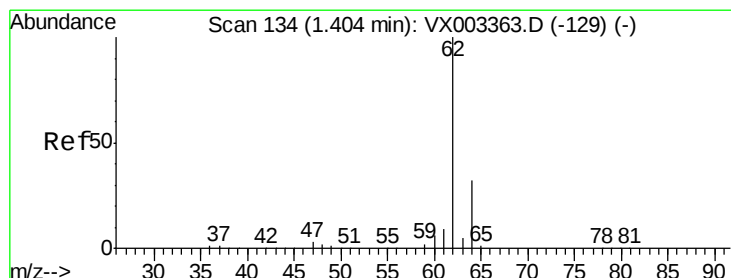
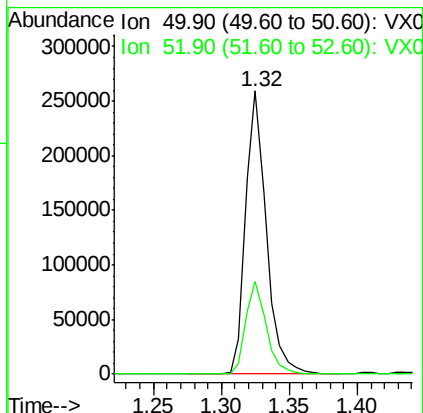
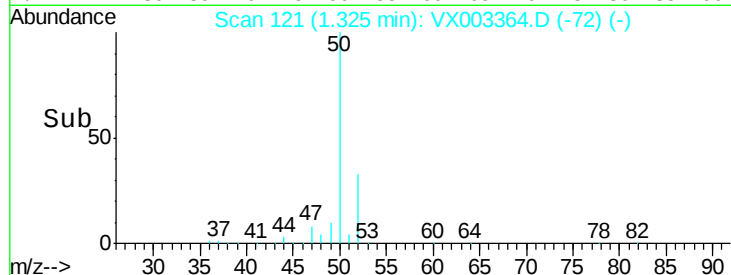
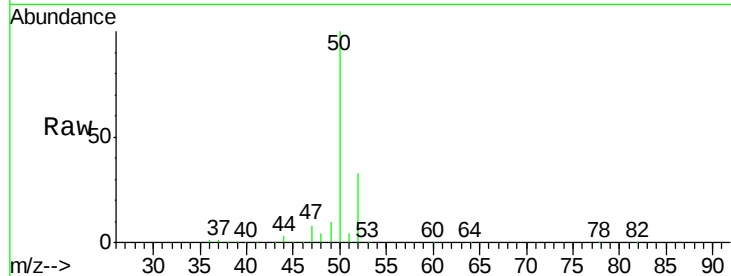
VSTDIC100

Tgt Ion: 50 Resp: 276080

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 83.831 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003364.D

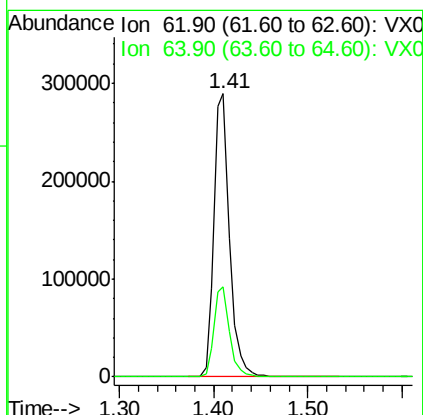
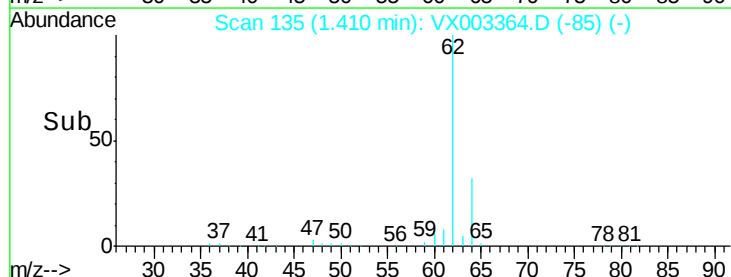
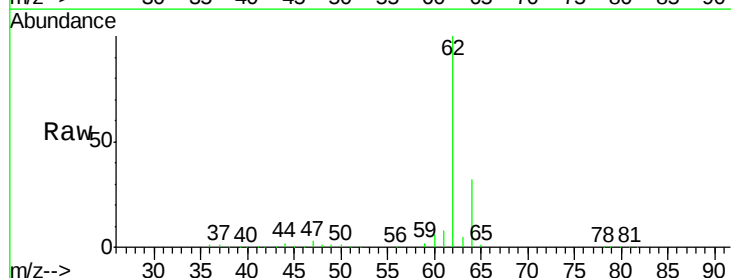
Acq: 13 Jul 2018 13:18

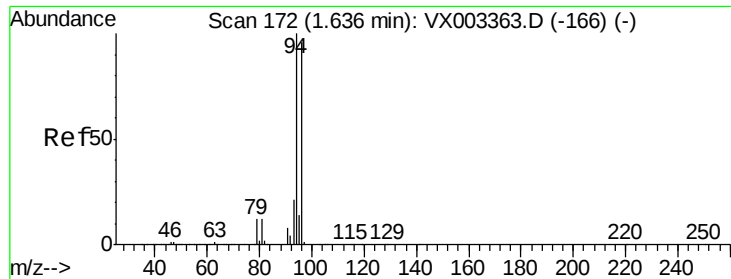
Tgt Ion: 62 Resp: 330785

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 57.951 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

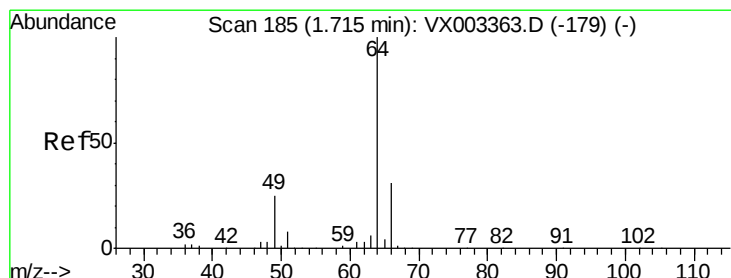
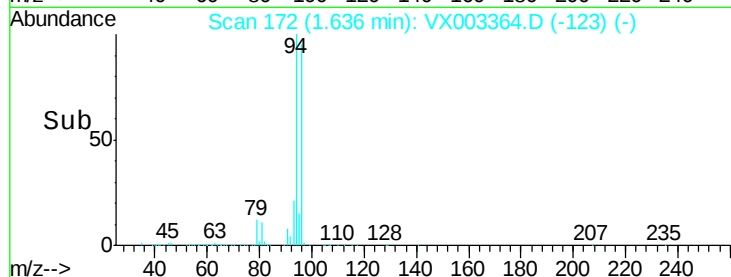
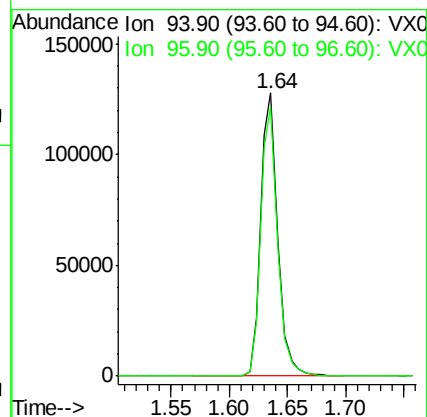
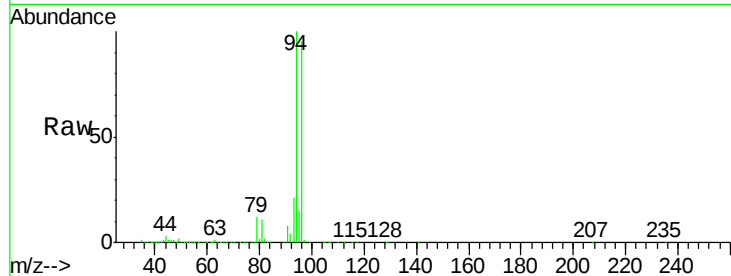
VSTDIC100

Tgt Ion: 94 Resp: 129368

Ion Ratio Lower Upper

94 100

96 95.2 74.9 112.3



#6

Chloroethane

Concen: 100.522 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003364.D

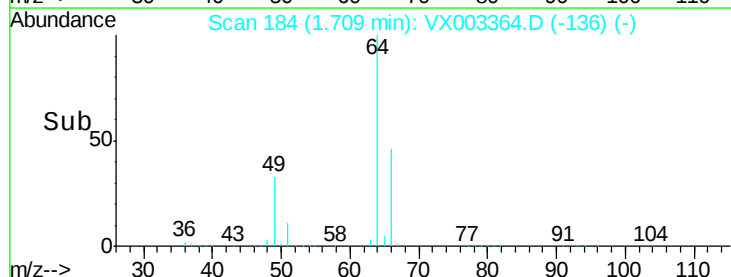
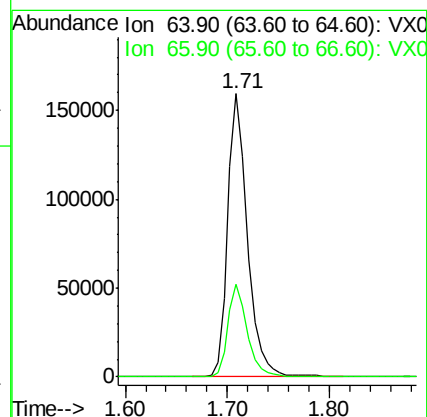
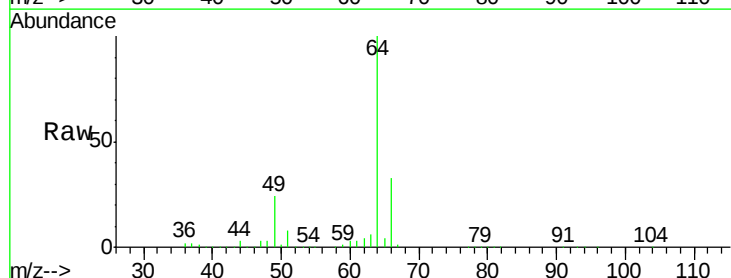
Acq: 13 Jul 2018 13:18

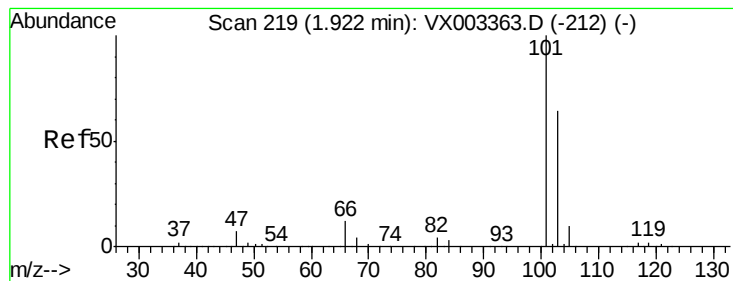
Tgt Ion: 64 Resp: 214742

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



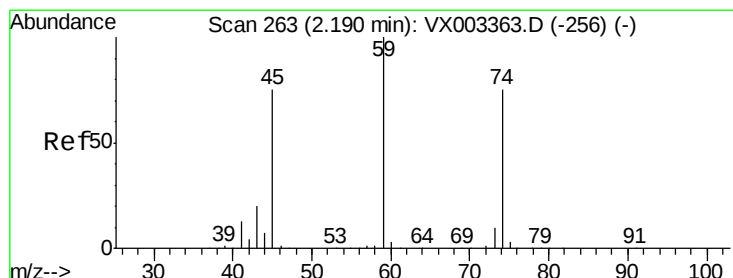
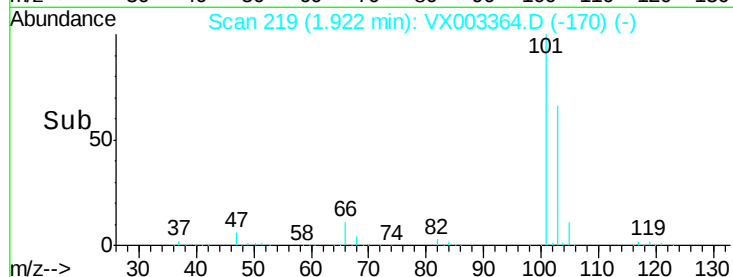
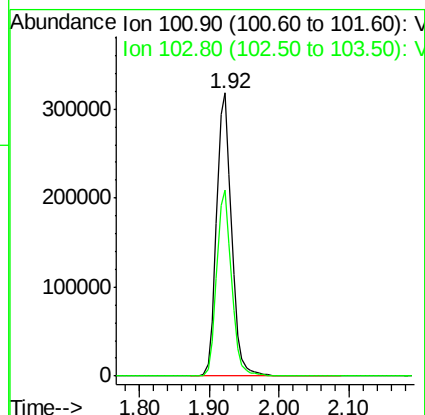
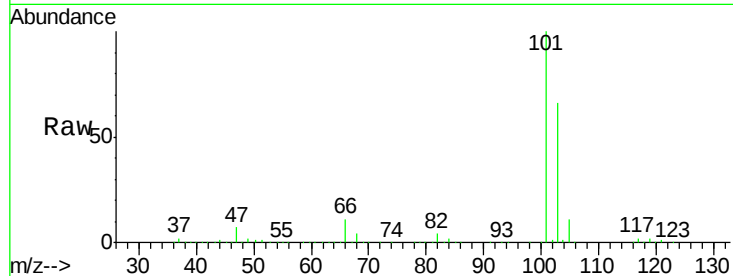


#7

Trichlorofluoromethane
 Concen: 83.483 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

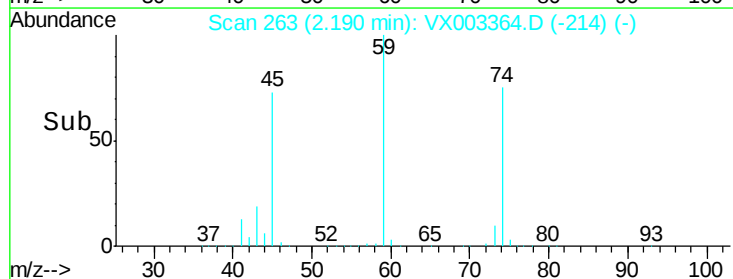
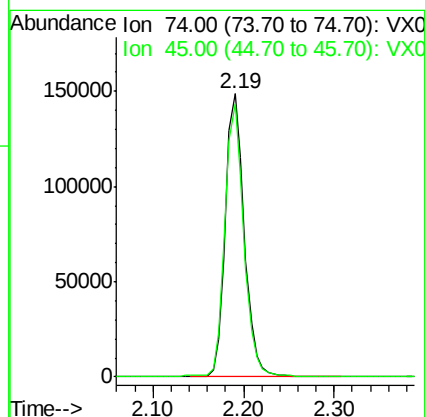
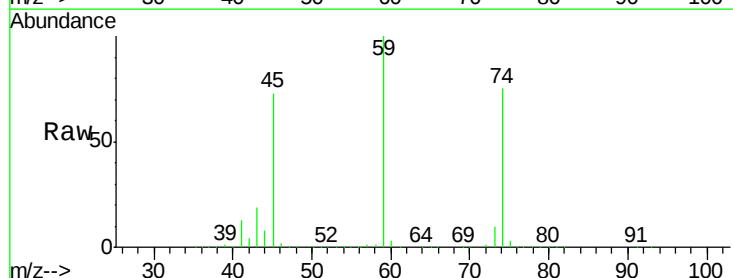
Tgt Ion:101 Resp: 474599
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.8 79.2

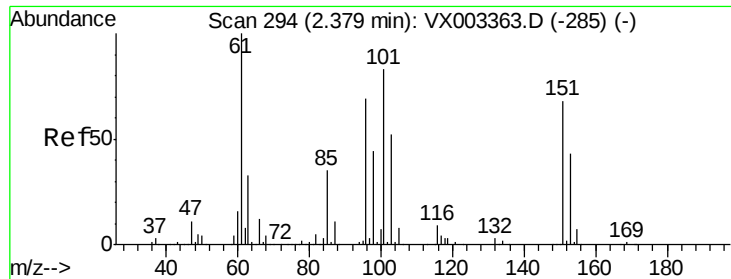


#8

Diethyl Ether
 Concen: 85.720 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion: 74 Resp: 215800
 Ion Ratio Lower Upper
 74 100
 45 97.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.775 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

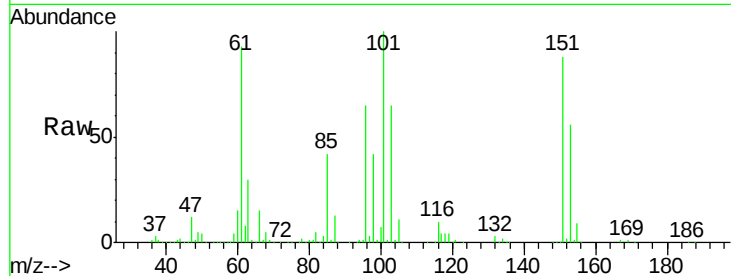
Tgt Ion:101 Resp: 306097

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

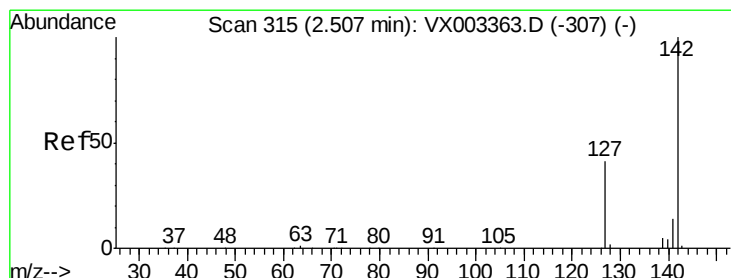
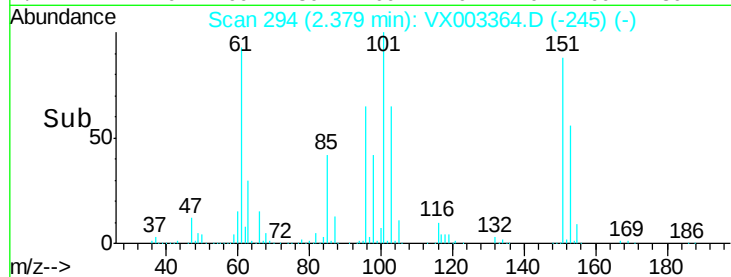
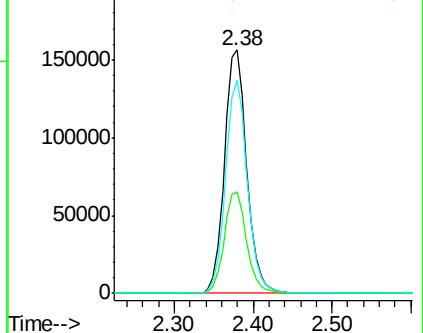
151 86.5 70.9 106.3



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: 100.449 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

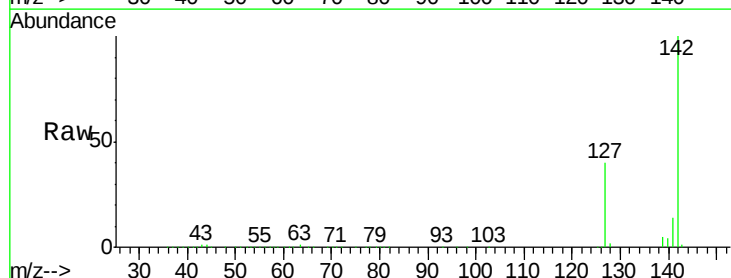
Tgt Ion:142 Resp: 372748

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

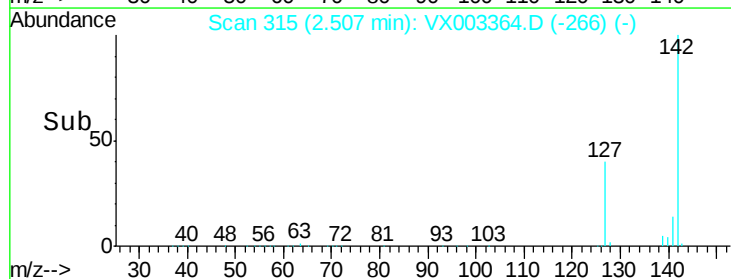
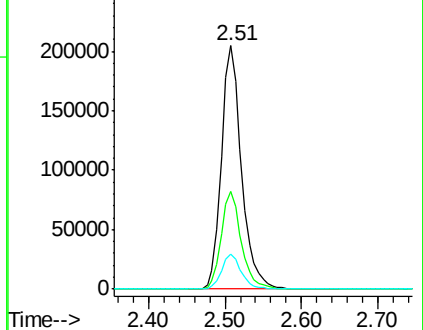
141 14.1 11.3 16.9

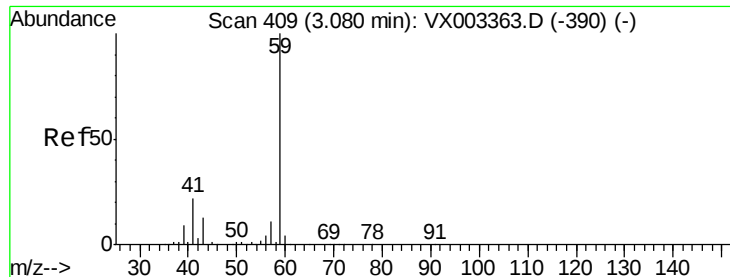


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

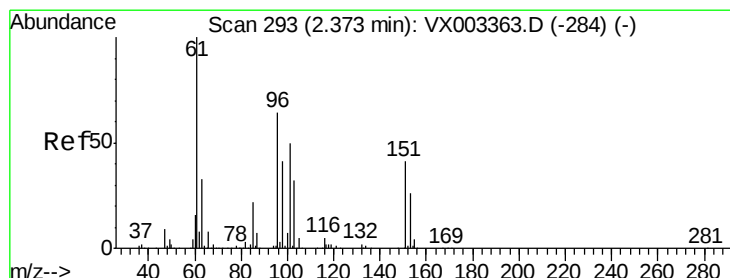
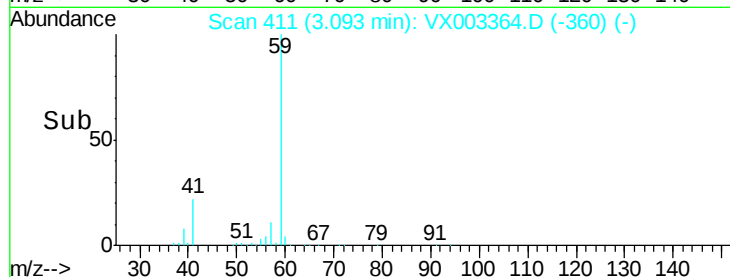
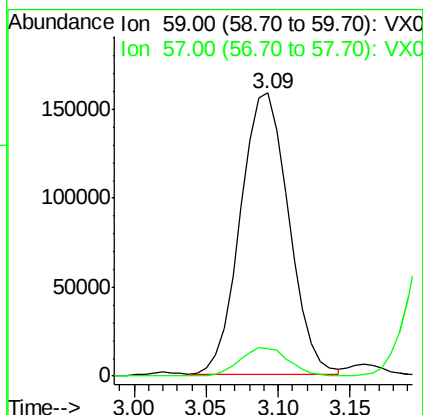
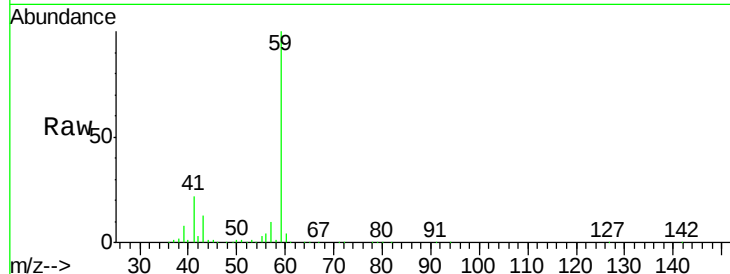




#11
Tert butyl alcohol
Concen: 414.662 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

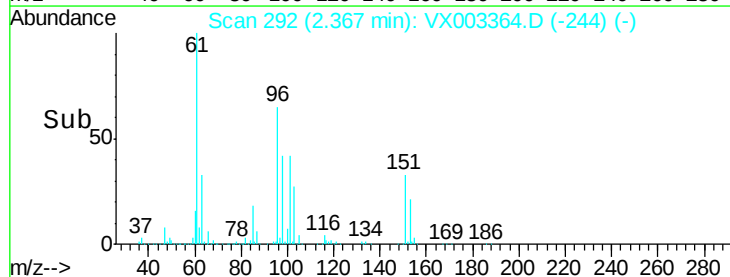
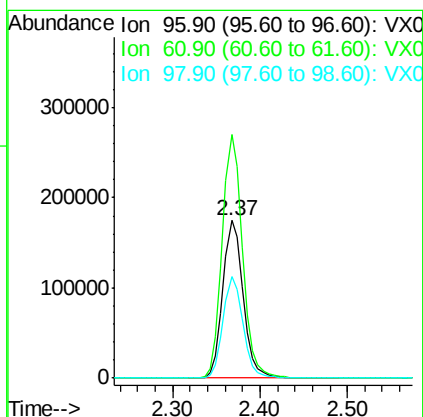
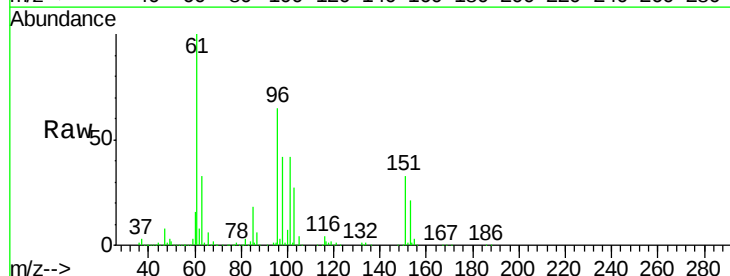
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

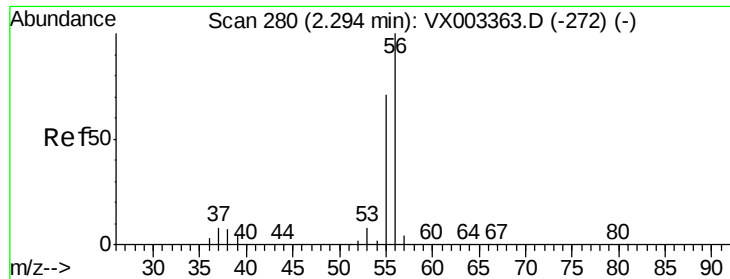
Tgt Ion: 59 Resp: 367465
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 83.099 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 96 Resp: 281945
Ion Ratio Lower Upper
96 100
61 154.4 137.9 206.9
98 64.5 51.6 77.4

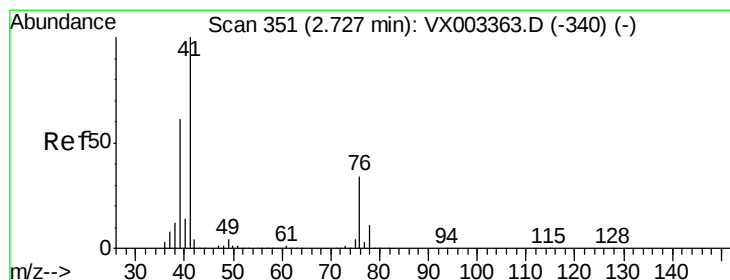
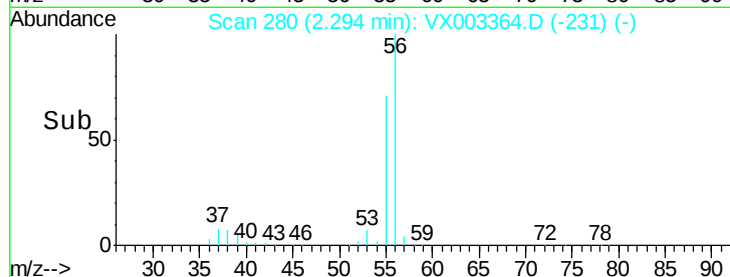
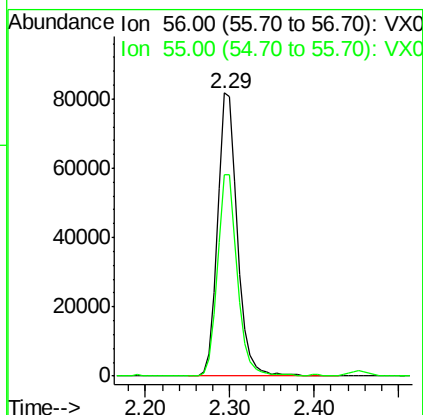
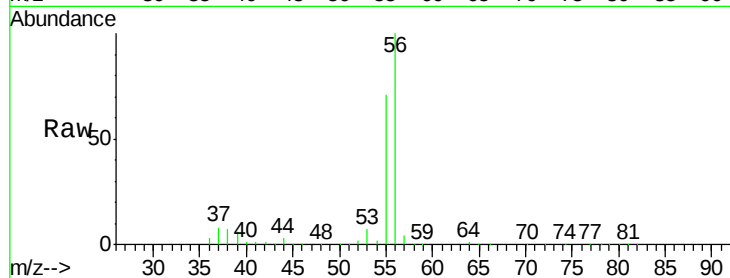




#13
Acrolein
Concen: 459.617 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

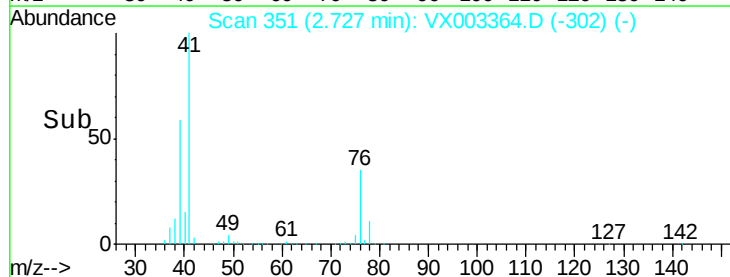
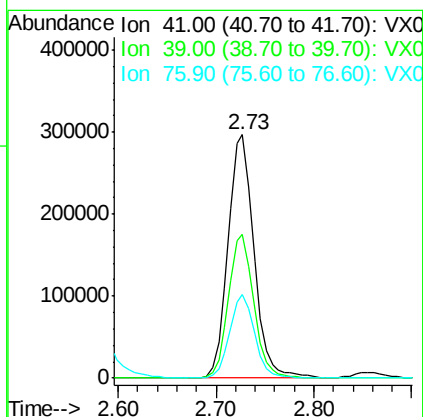
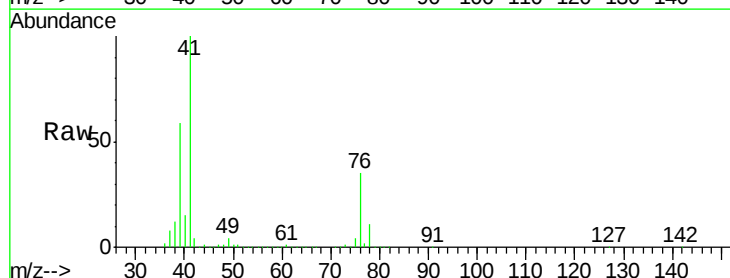
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

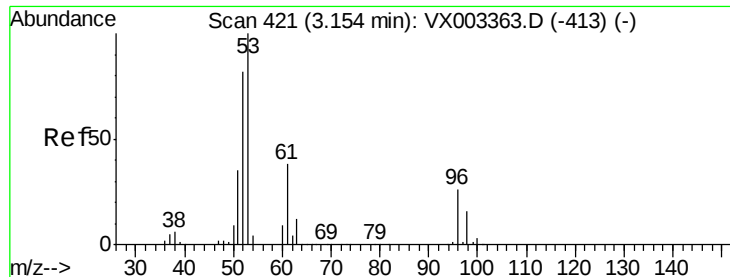
Tgt Ion: 56 Resp: 132764
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.4



#14
Allyl chloride
Concen: 83.931 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 41 Resp: 546198
Ion Ratio Lower Upper
41 100
39 57.5 56.8 85.2
76 33.2 23.8 35.8





#15

Acrylonitrile

Concen: 418.894 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

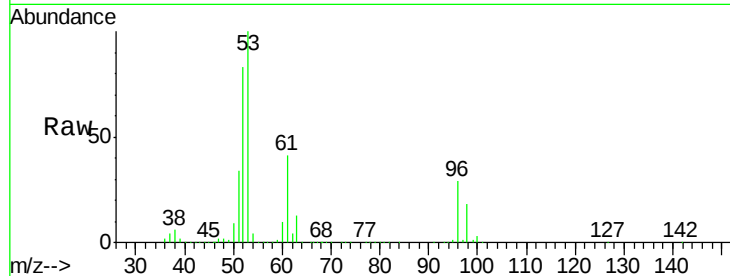
Tgt Ion: 53 Resp: 926800

Ion Ratio Lower Upper

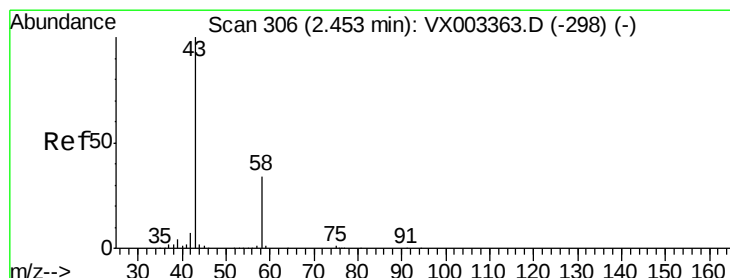
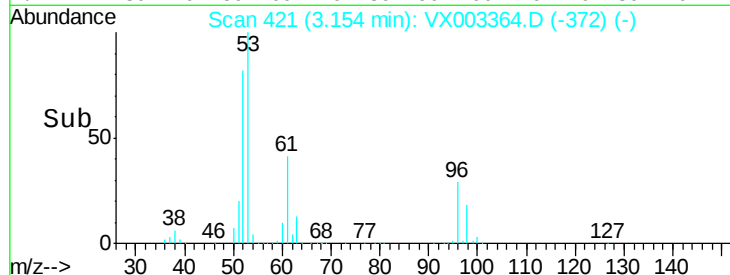
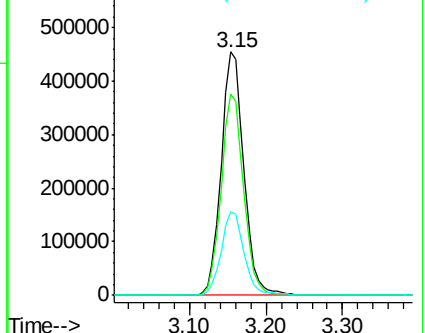
53 100

52 82.3 66.7 100.1

51 34.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 414.849 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003364.D

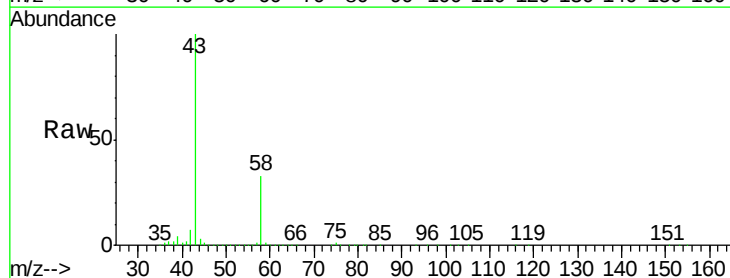
Acq: 13 Jul 2018 13:18

Tgt Ion: 43 Resp: 711673

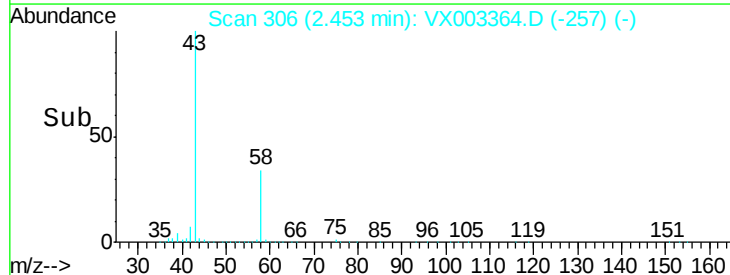
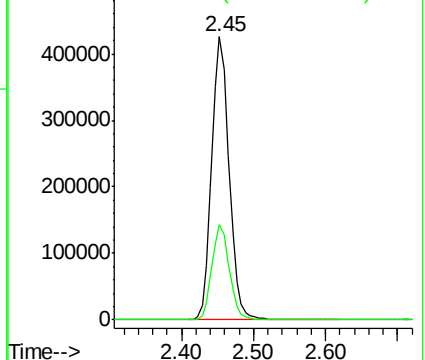
Ion Ratio Lower Upper

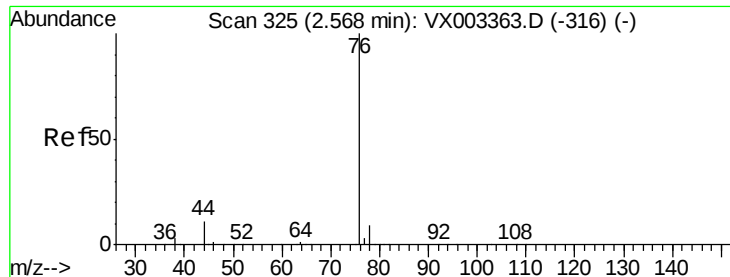
43 100

58 33.5 22.1 33.1#



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

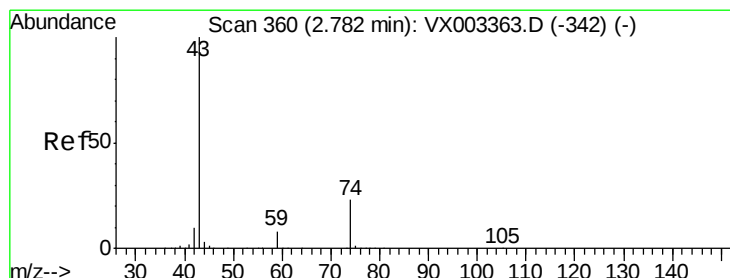
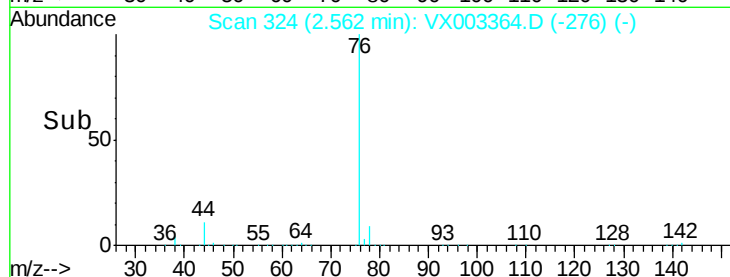
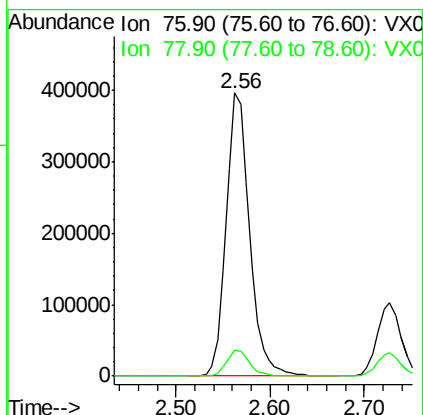
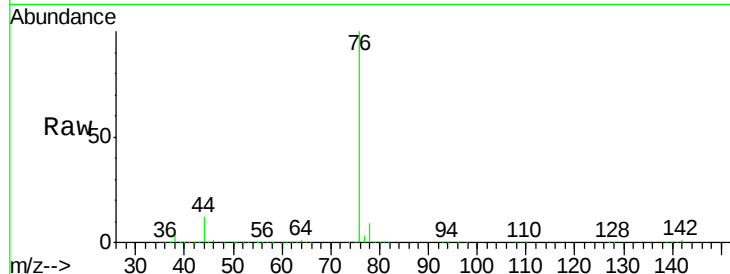




#17
Carbon Disulfide
Concen: 82.510 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

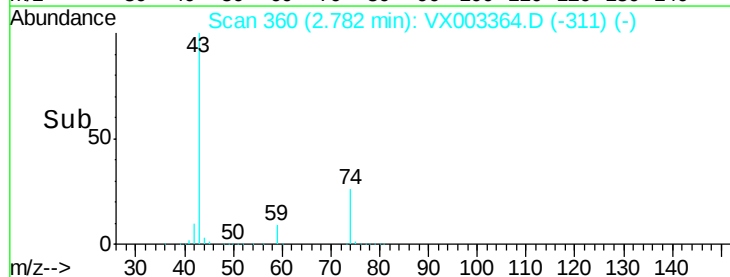
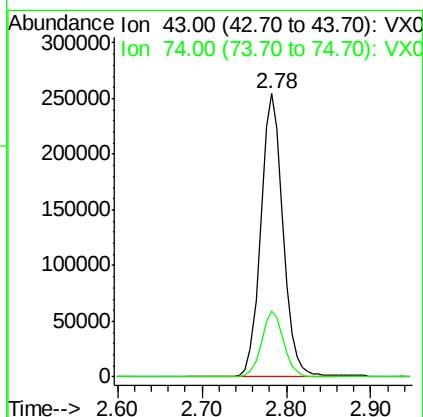
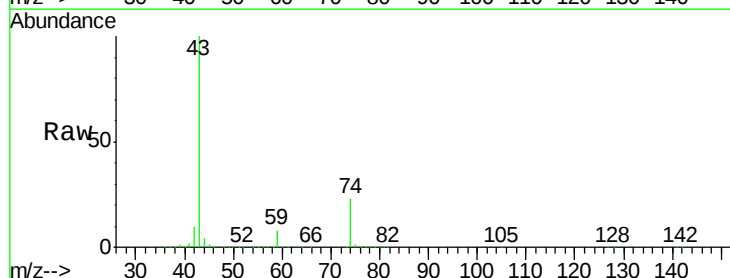
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

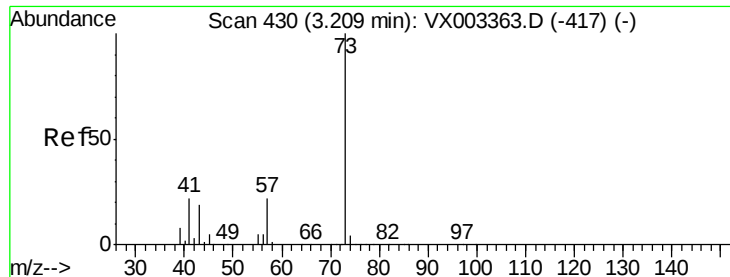
Tgt Ion: 76 Resp: 687380
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 86.225 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 43 Resp: 459289
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

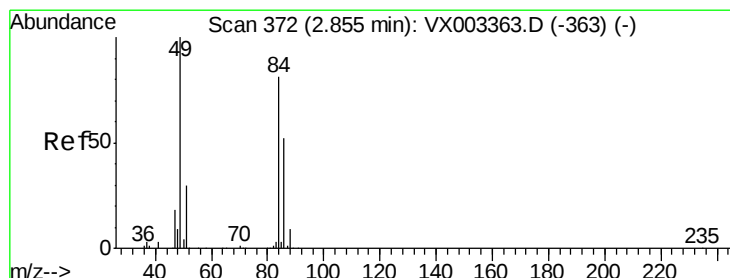
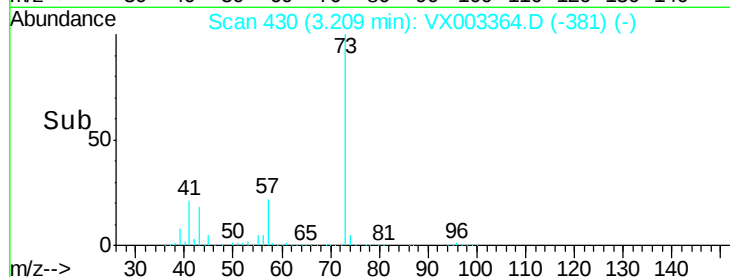
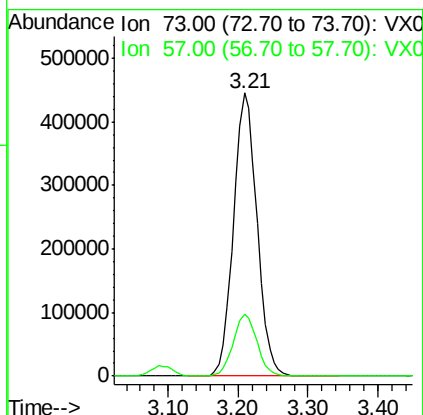
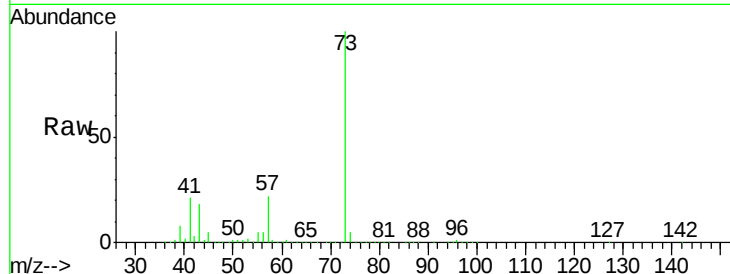




#19
Methyl tert-butyl Ether
Concen: 85.628 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

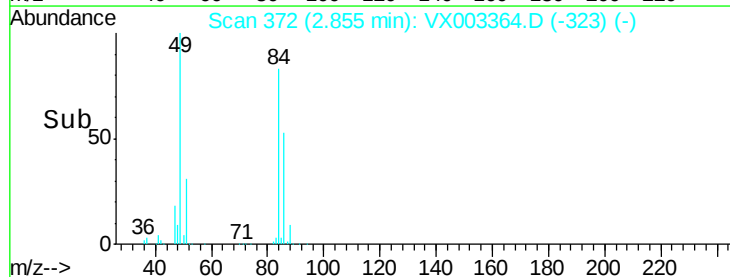
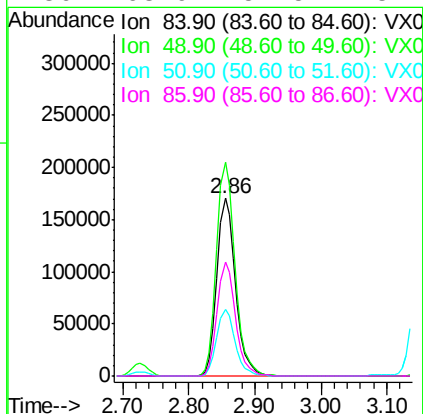
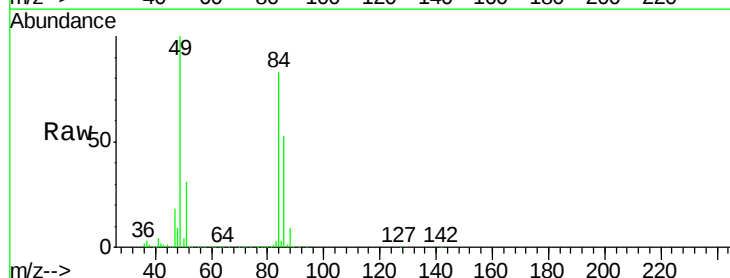
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

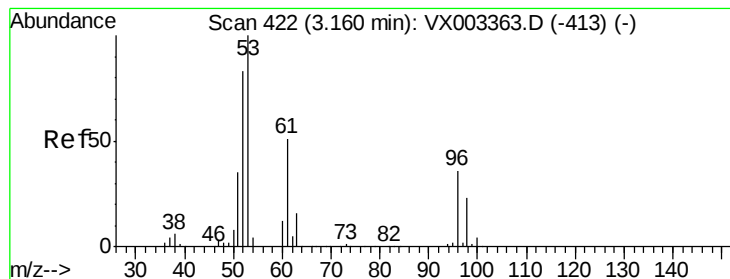
Tgt Ion: 73 Resp: 1038868
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 91.878 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 84 Resp: 331477
Ion Ratio Lower Upper
84 100
49 120.2 107.8 161.6
51 37.4 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 83.734 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

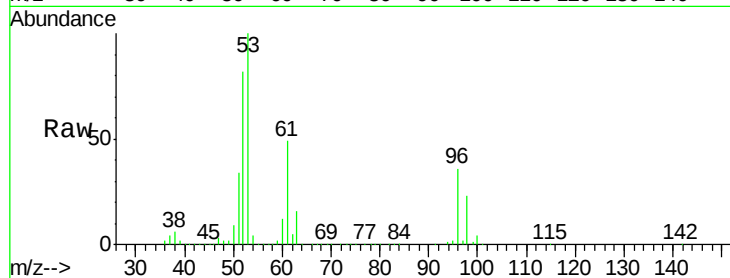
Tgt Ion: 96 Resp: 303163

Ion Ratio Lower Upper

96 100

61 136.2 117.0 175.4

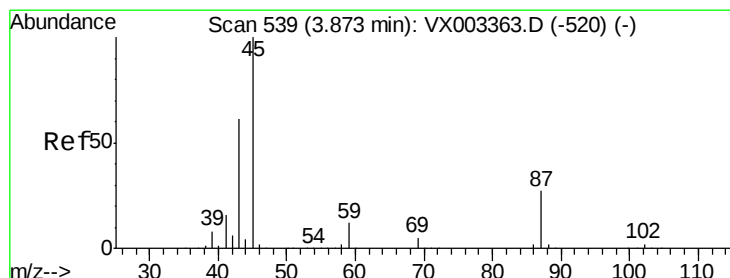
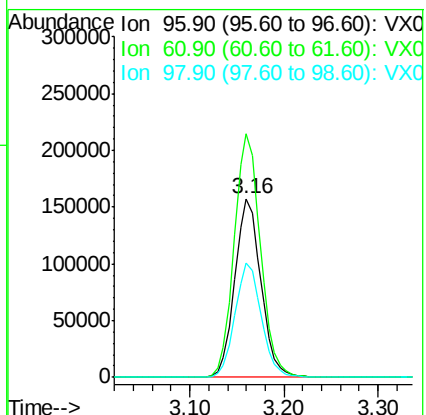
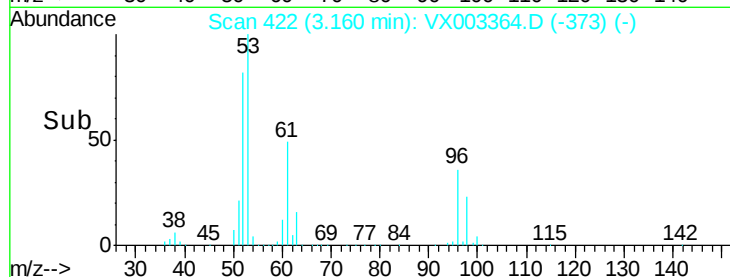
98 63.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 85.647 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Tgt Ion: 45 Resp: 1037547

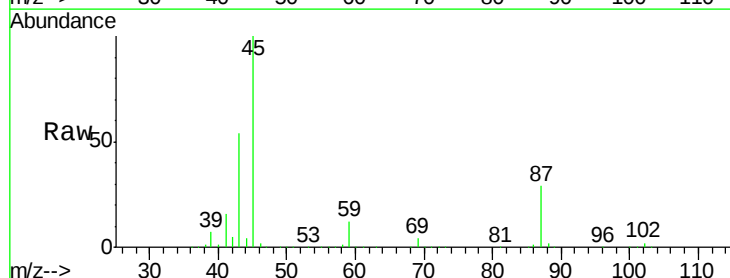
Ion Ratio Lower Upper

45 100

43 54.0 46.8 70.2

87 28.7 20.2 30.4

59 11.8 8.7 13.1

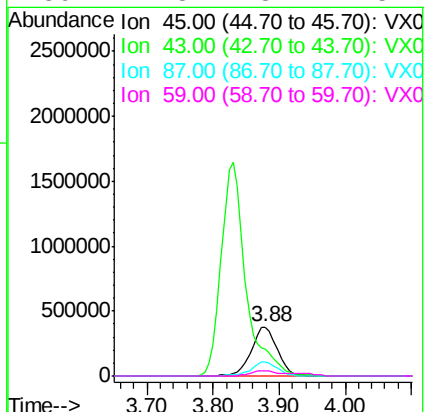
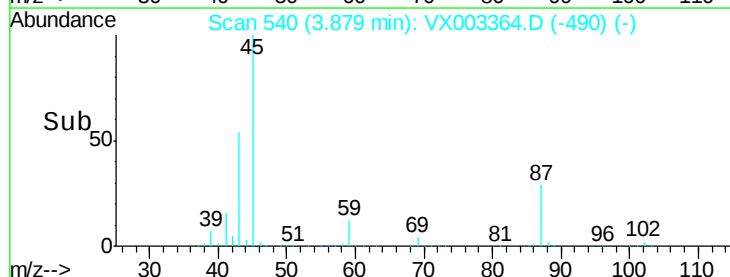


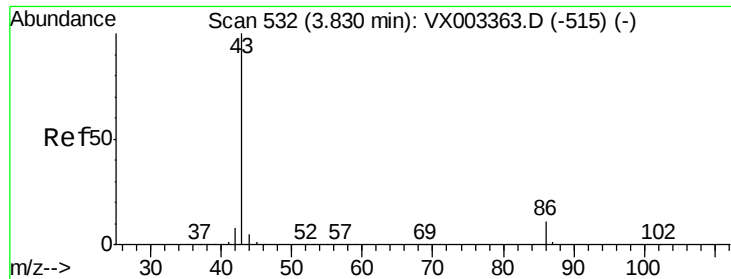
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 430.670 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

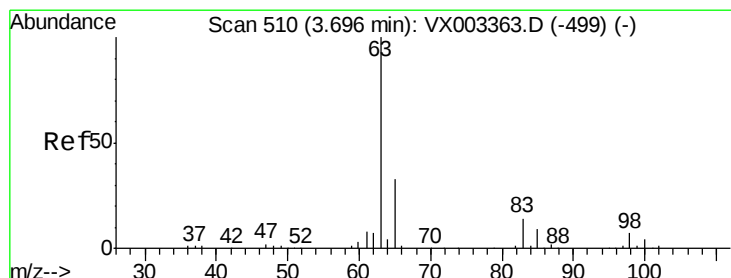
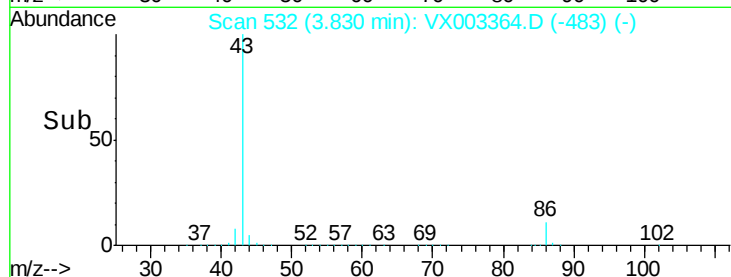
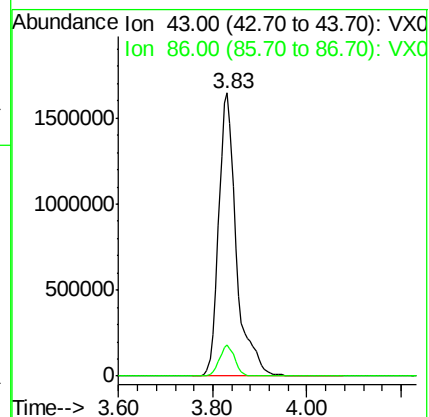
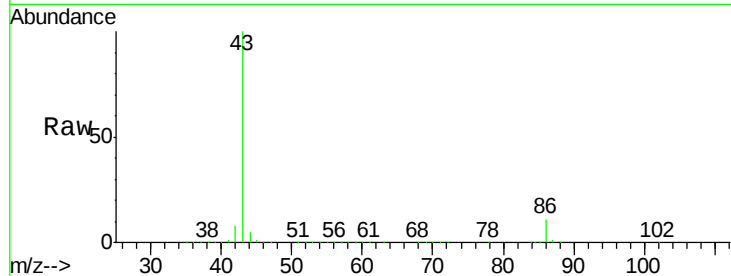
VSTDIC100

Tgt Ion: 43 Resp: 4263130

Ion Ratio Lower Upper

43 100

86 10.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 84.183 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

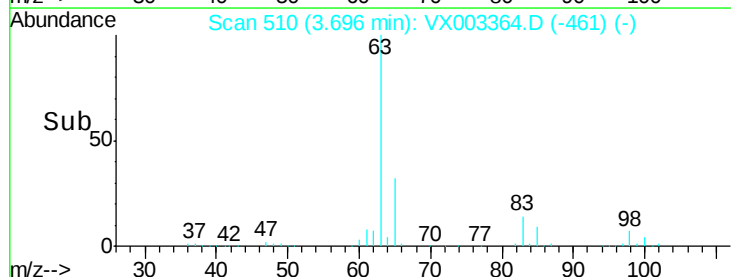
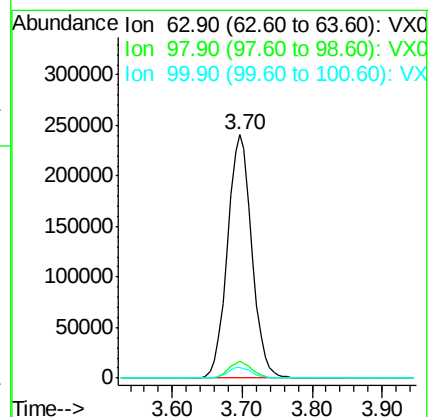
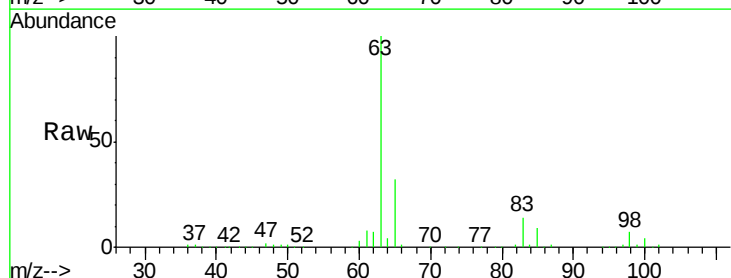
Tgt Ion: 63 Resp: 578191

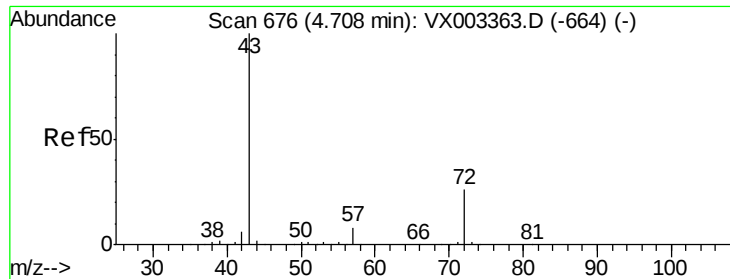
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 435.412 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

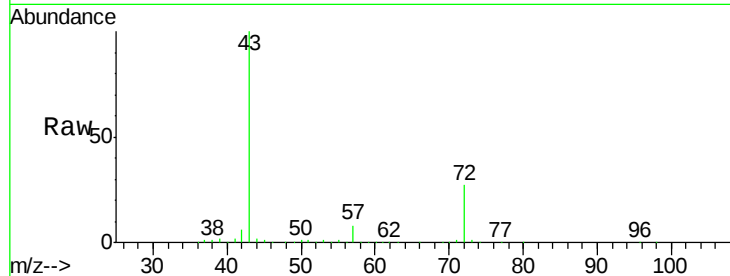
VSTDIC100

Tgt Ion: 43 Resp: 1157746

Ion Ratio Lower Upper

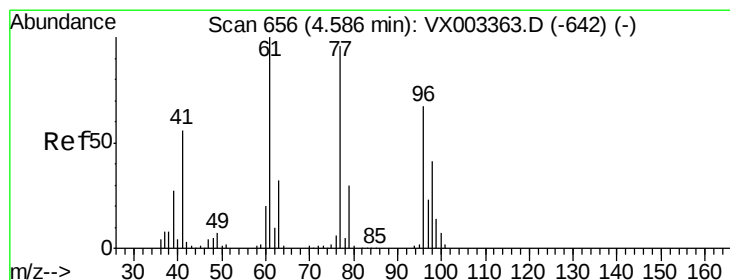
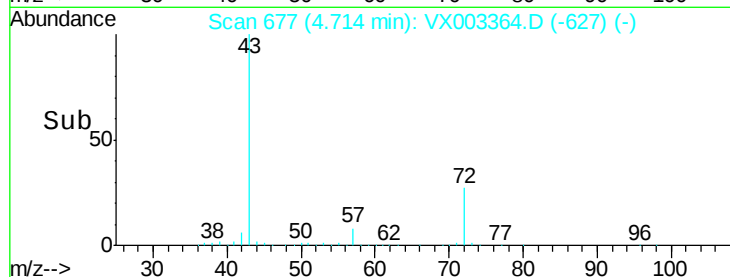
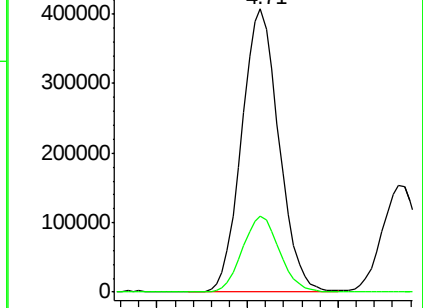
43 100

72 27.0 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: 86.990 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003364.D

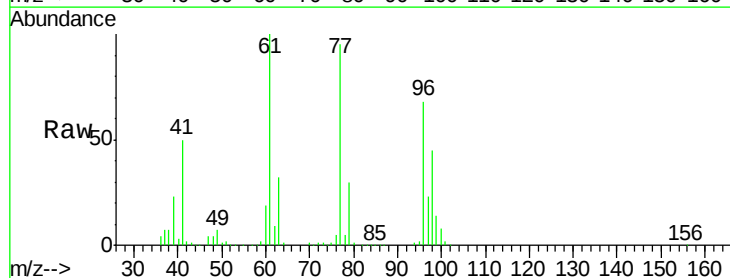
Acq: 13 Jul 2018 13:18

Tgt Ion: 77 Resp: 422881

Ion Ratio Lower Upper

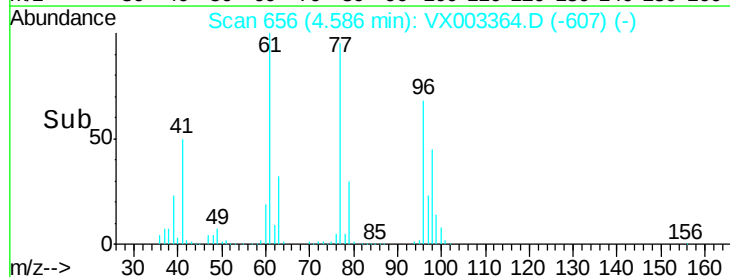
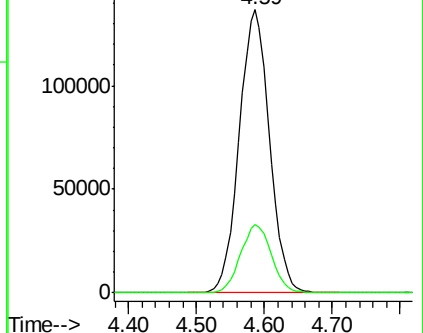
77 100

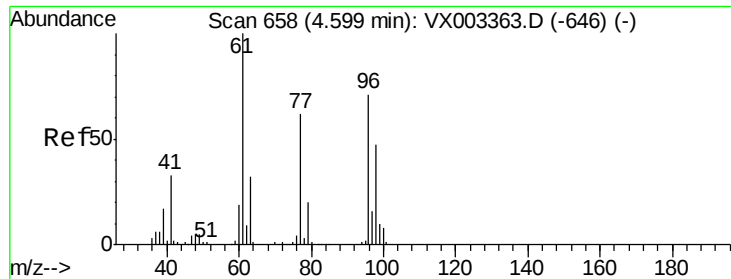
97 24.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



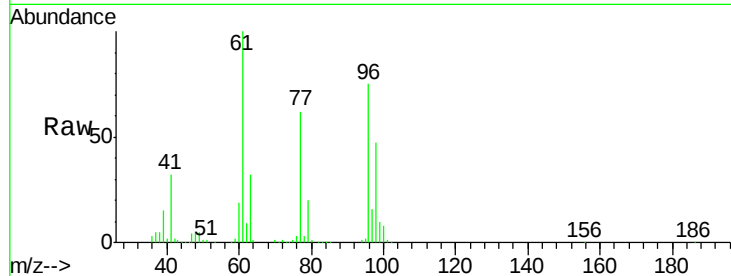


#27

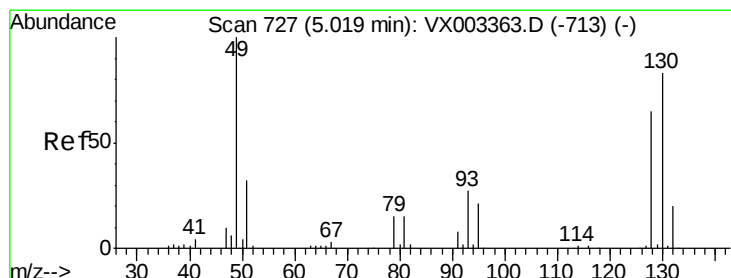
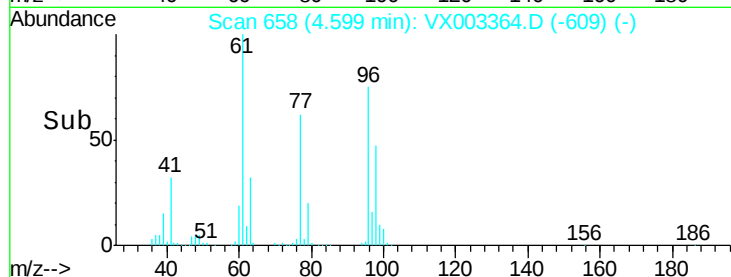
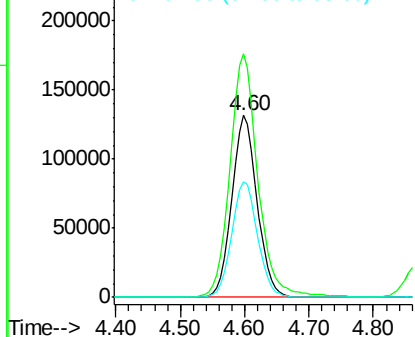
cis-1,2-Dichloroethene
 Concen: 90.473 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 360069
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 330.2
 98 65.0 0.0 130.2



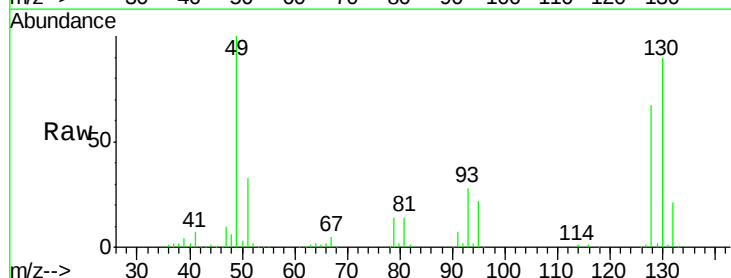
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



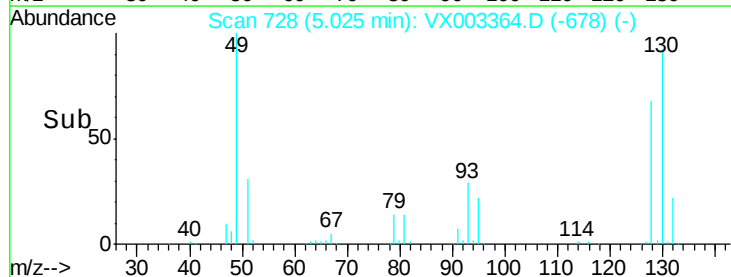
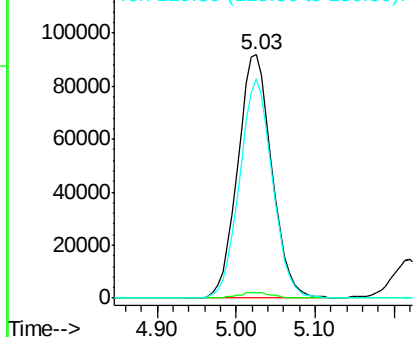
#28

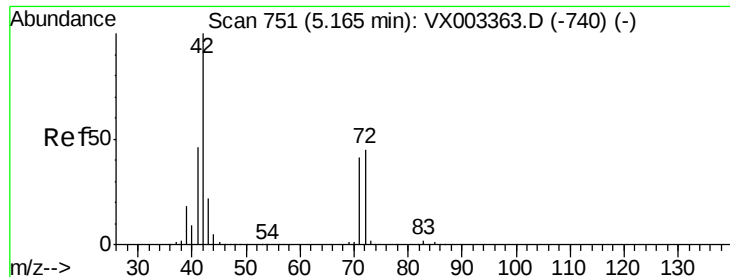
Bromochloromethane
 Concen: 88.197 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion: 49 Resp: 275986
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 86.9 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

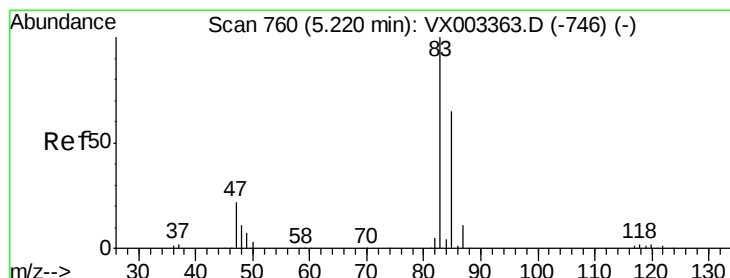
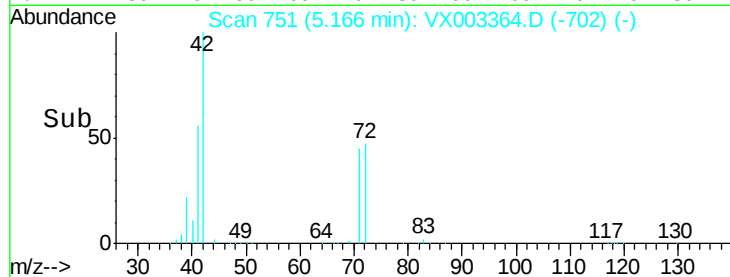
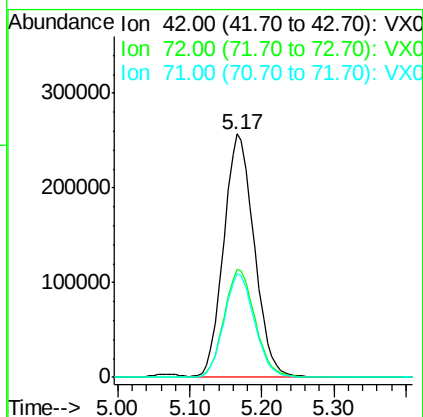
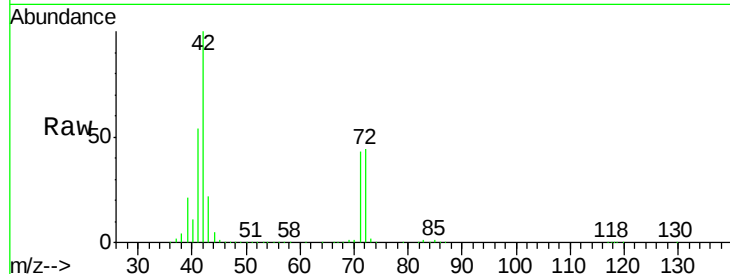




#29
Tetrahydrofuran
Concen: 444.531 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

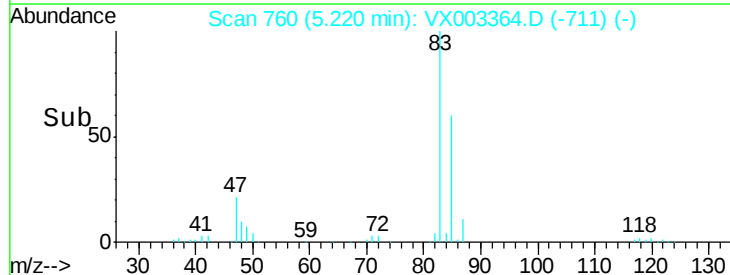
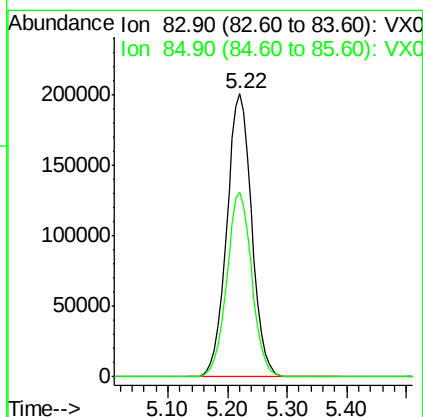
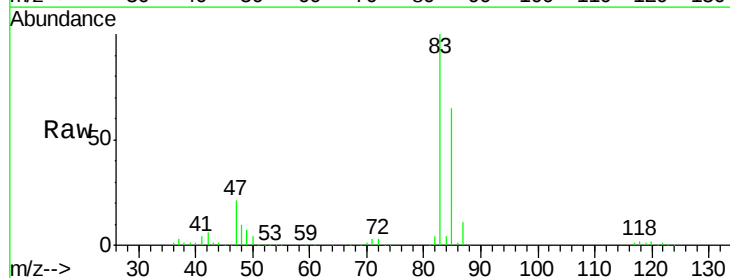
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

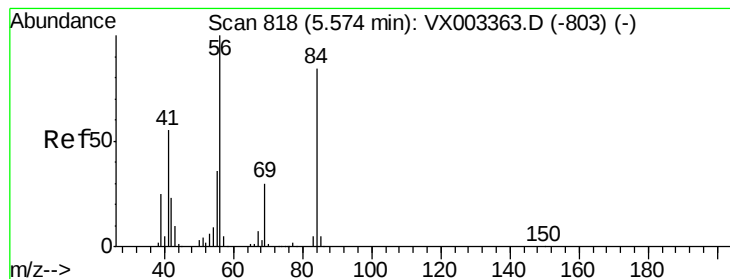
Tgt Ion: 42 Resp: 755079
Ion Ratio Lower Upper
42 100
72 45.2 32.0 48.0
71 42.5 30.1 45.1



#30
Chloroform
Concen: 88.416 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 83 Resp: 582061
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 91.450 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

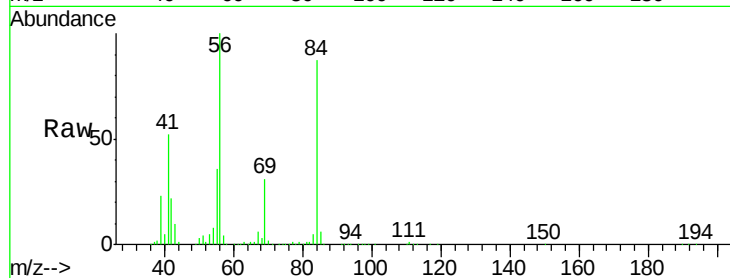
Tgt Ion: 56 Resp: 480684

Ion Ratio Lower Upper

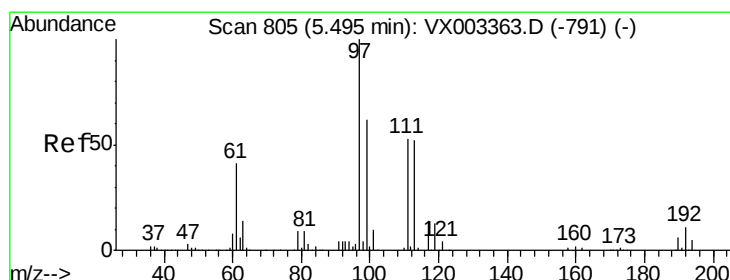
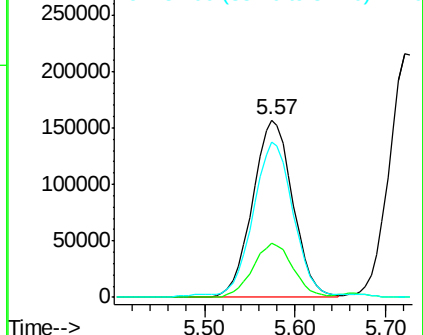
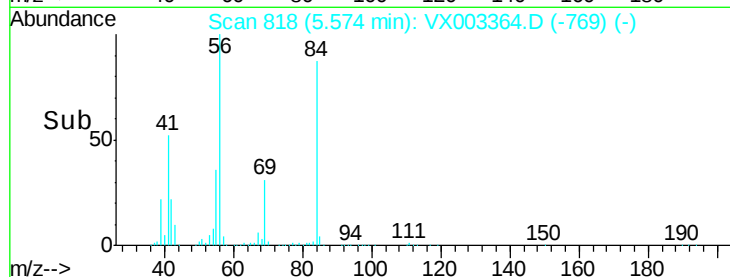
56 100

69 30.7 23.7 35.5

84 86.0 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: 91.176 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

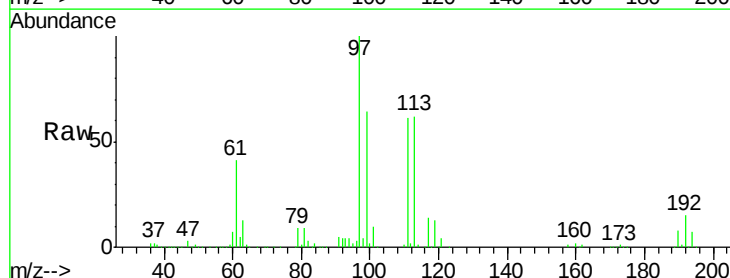
Tgt Ion: 97 Resp: 500038

Ion Ratio Lower Upper

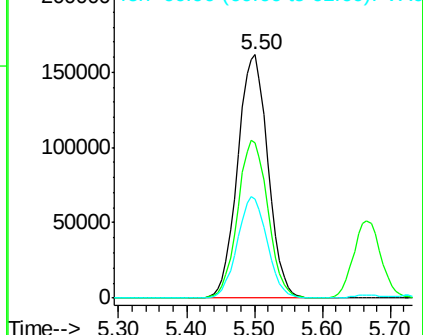
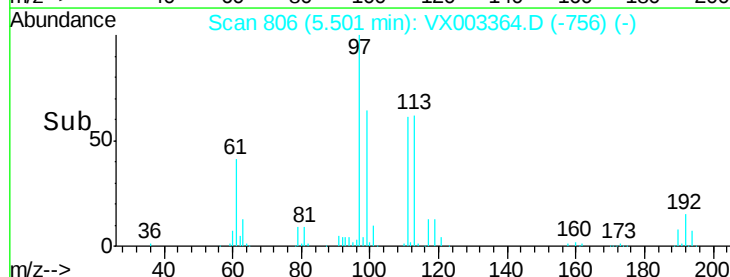
97 100

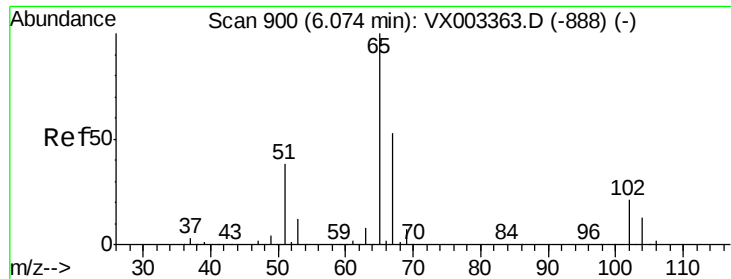
99 64.6 51.6 77.4

61 41.3 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: 94.727 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

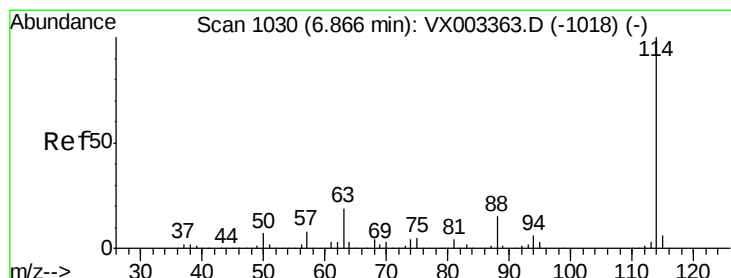
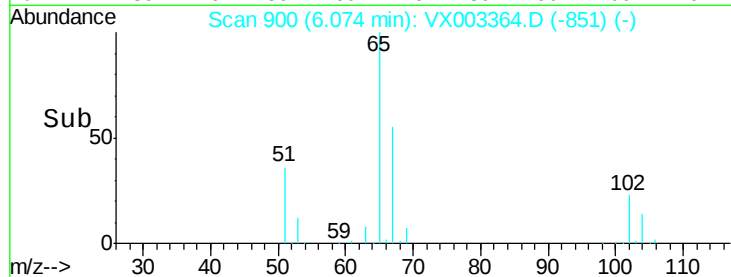
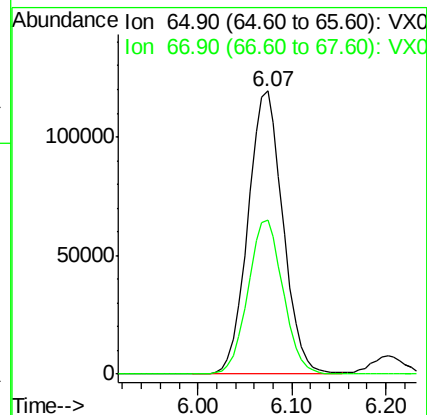
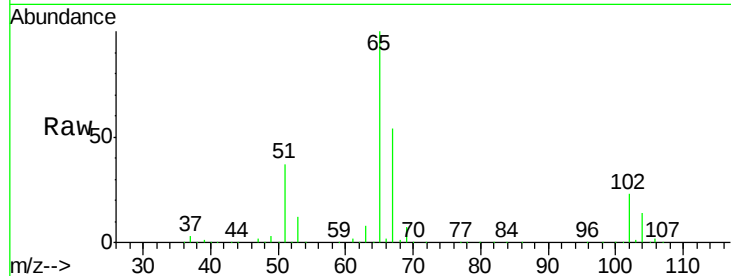
VSTDIC100

Tgt Ion: 65 Resp: 310926

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

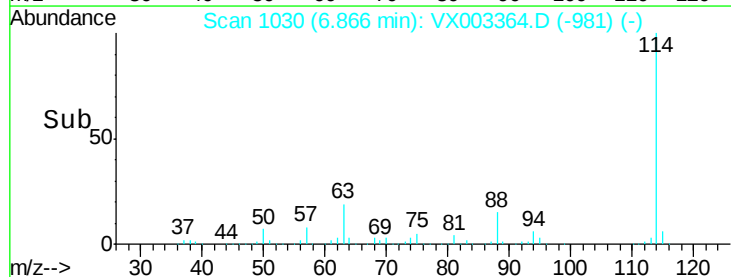
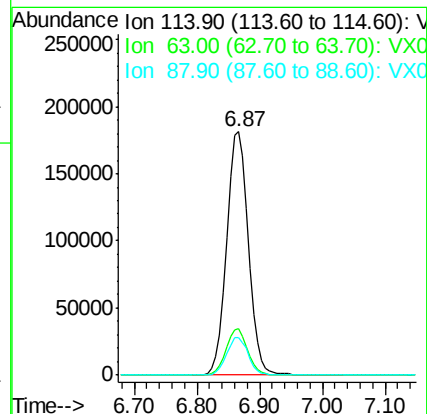
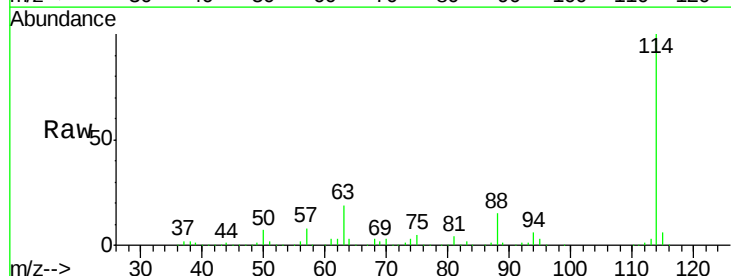
Tgt Ion: 114 Resp: 434914

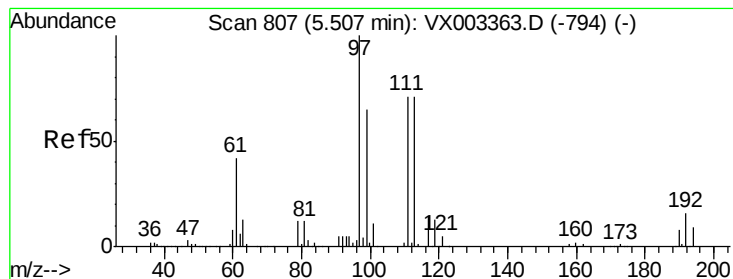
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 91.556 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

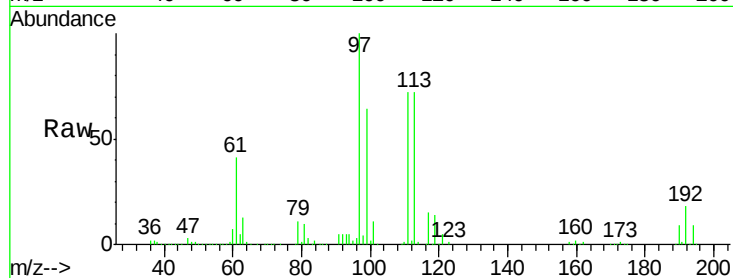
Tgt Ion:113 Resp: 293068

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

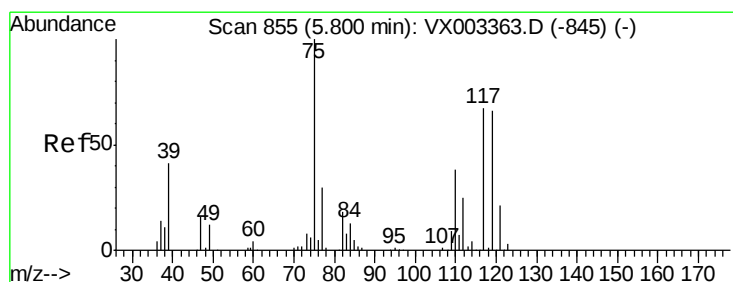
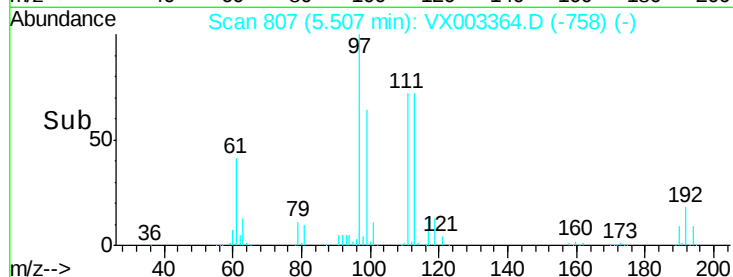
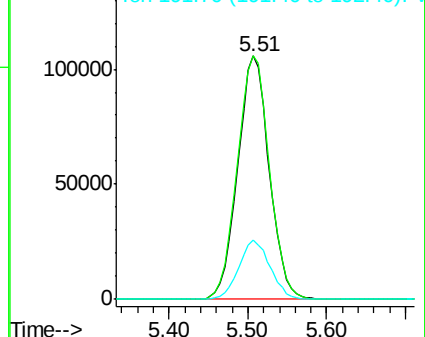
192 24.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 90.779 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

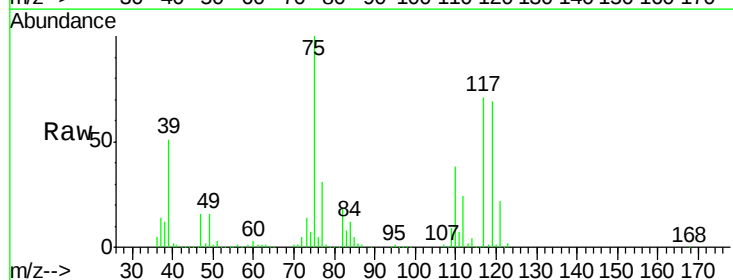
Tgt Ion: 75 Resp: 419434

Ion Ratio Lower Upper

75 100

110 38.1 18.1 54.4

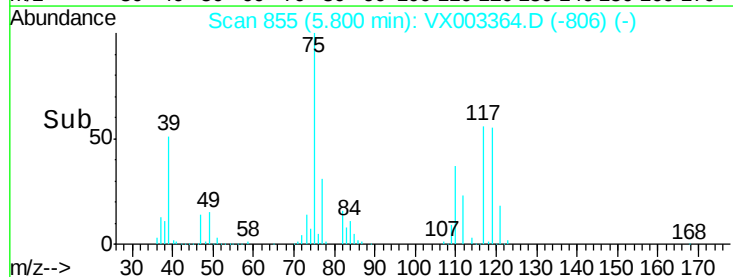
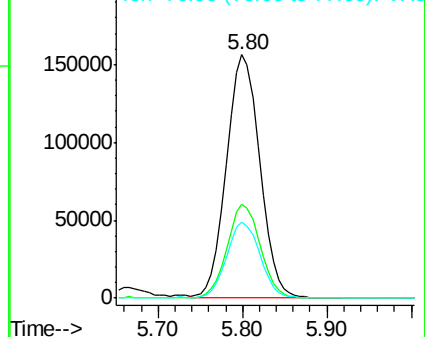
77 31.0 24.3 36.5

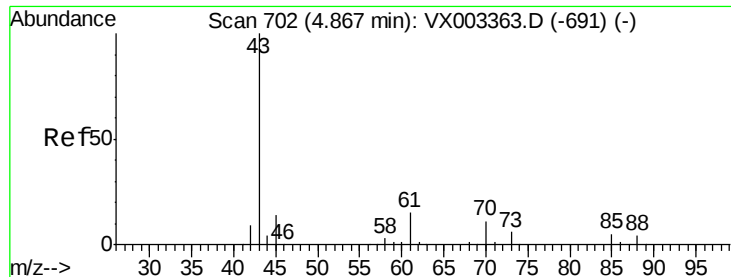


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

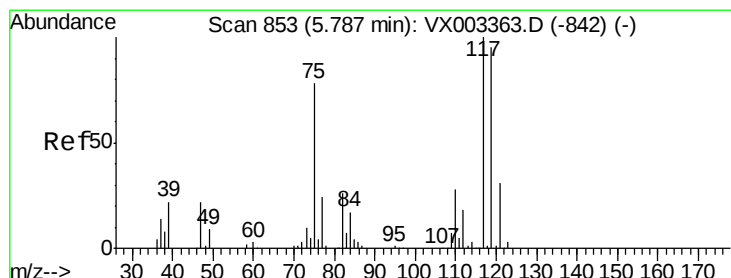
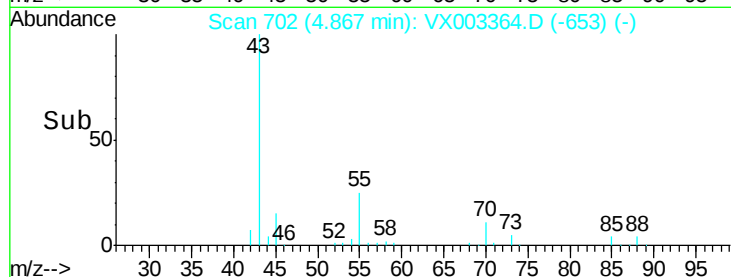
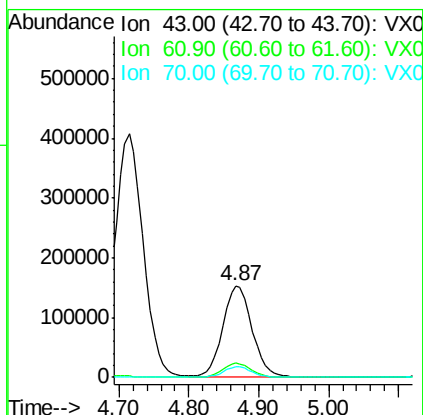
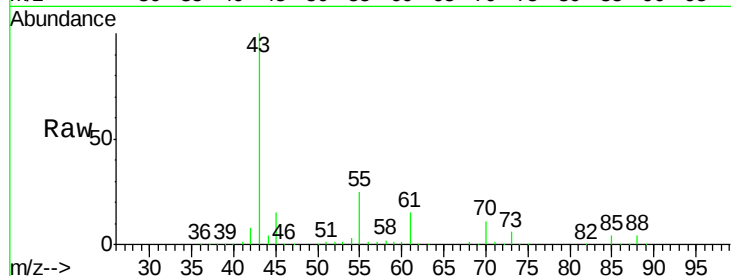




#37
Ethyl Acetate
Concen: 88.260 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

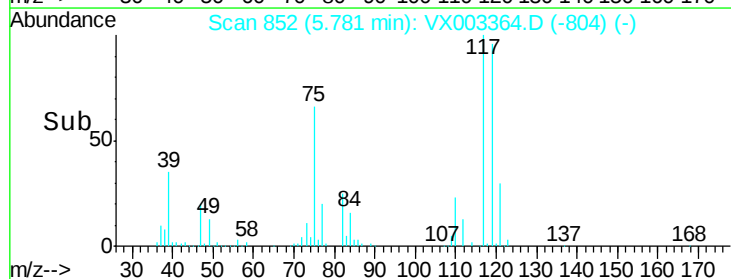
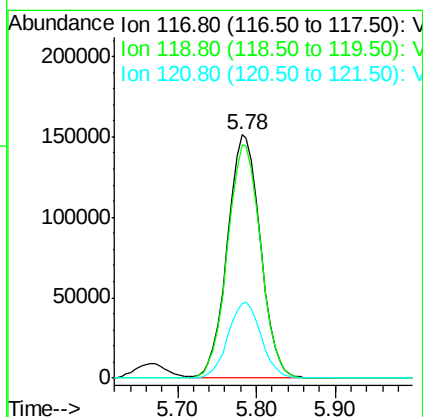
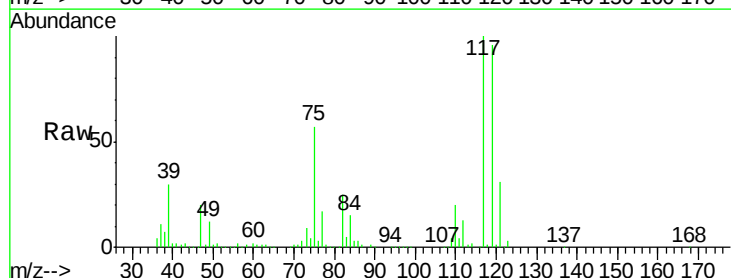
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

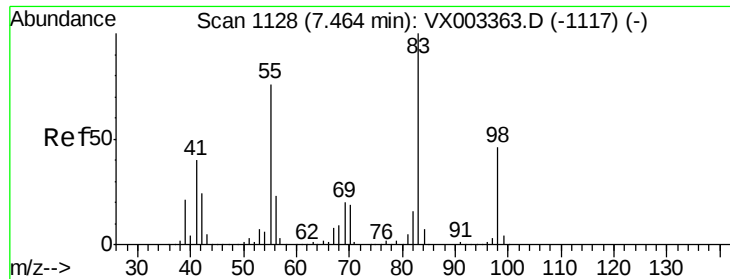
Tgt Ion: 43 Resp: 446881
Ion Ratio Lower Upper
43 100
61 14.7 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 93.843 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 117 Resp: 442001
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
121 30.6 24.4 36.6

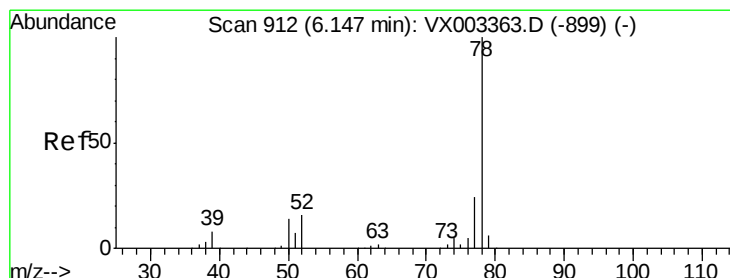
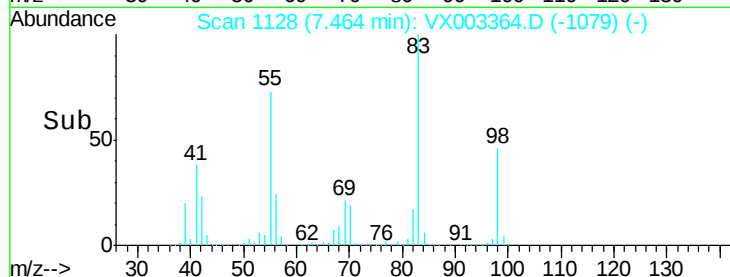
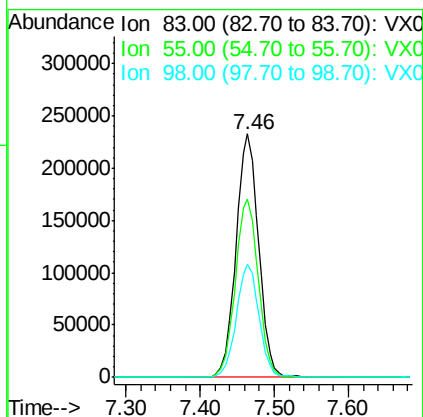
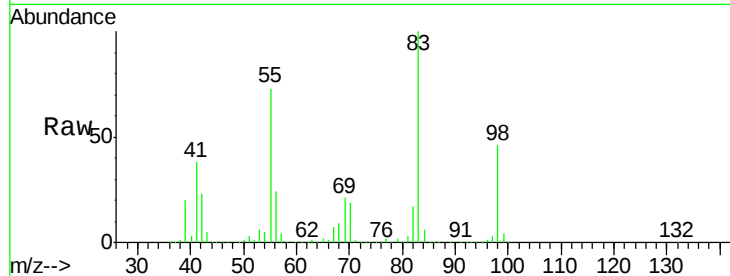




#39
Methylcyclohexane
Concen: 94.754 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

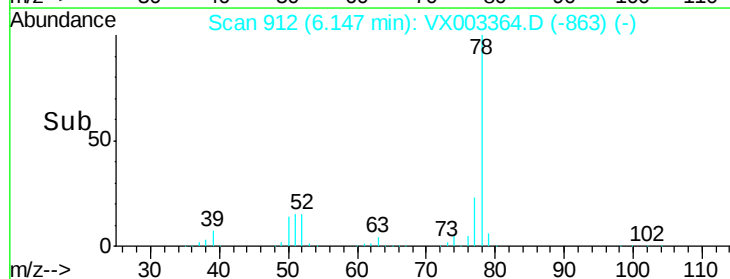
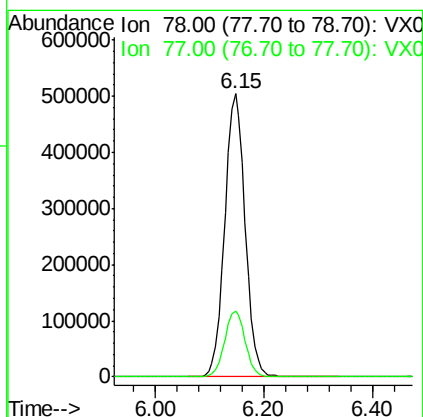
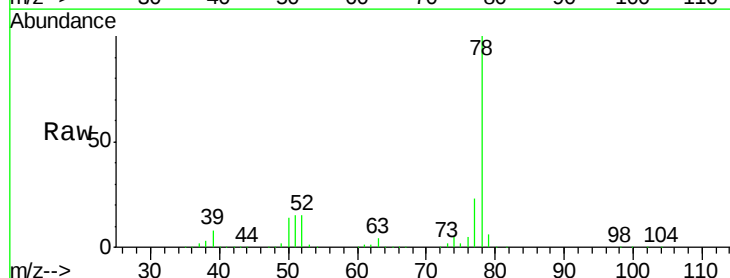
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

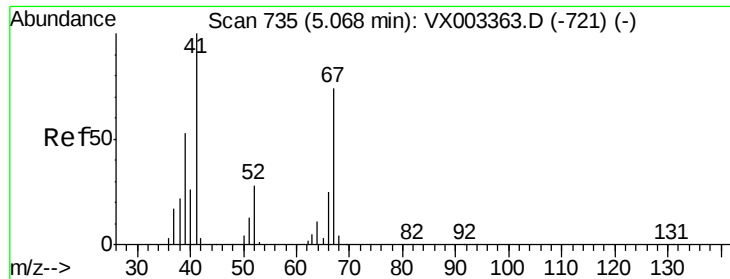
Tgt Ion: 83 Resp: 495593
Ion Ratio Lower Upper
83 100
55 73.1 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 90.877 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 78 Resp: 1315078
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

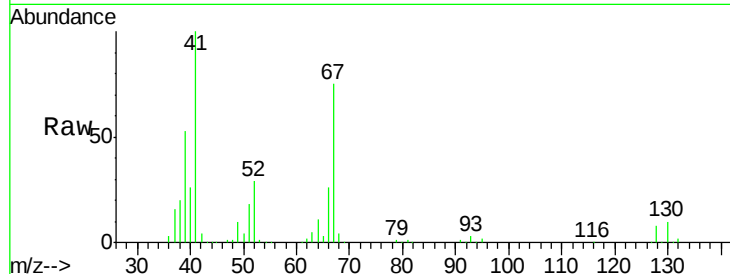




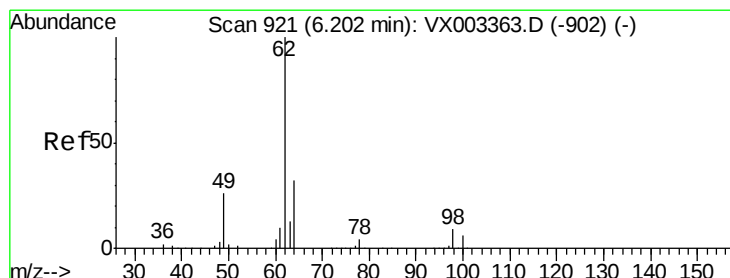
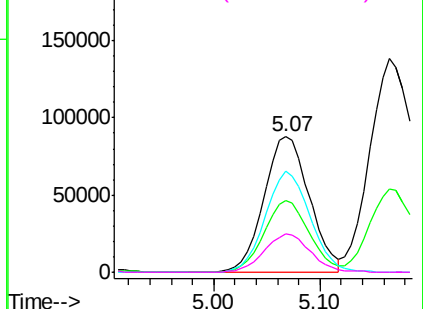
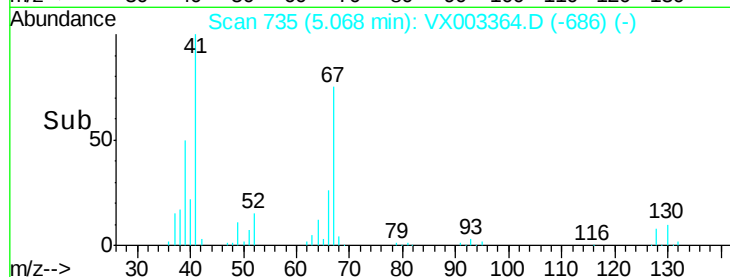
#41
Methacrylonitrile
Concen: 89.626 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	259966
Ion	Ratio	Lower	Upper
41	100		
39	52.9	45.8	68.6
67	74.0	51.3	76.9
52	28.2	23.0	34.6

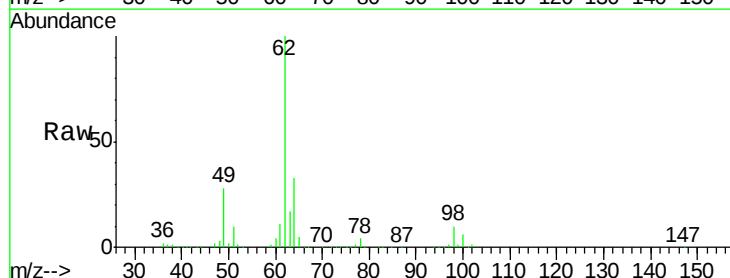


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

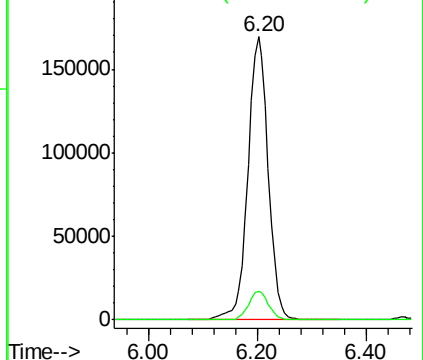
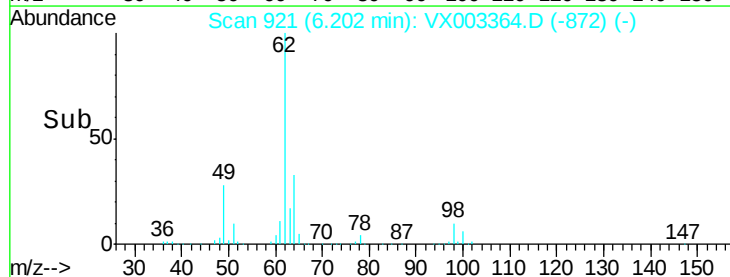


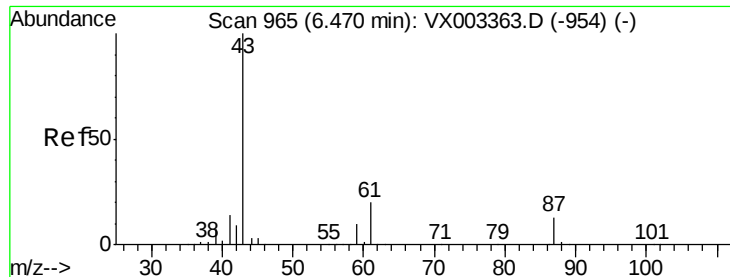
#42
1,2-Dichloroethane
Concen: 86.056 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion:	62	Resp:	435000
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: 92.602 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

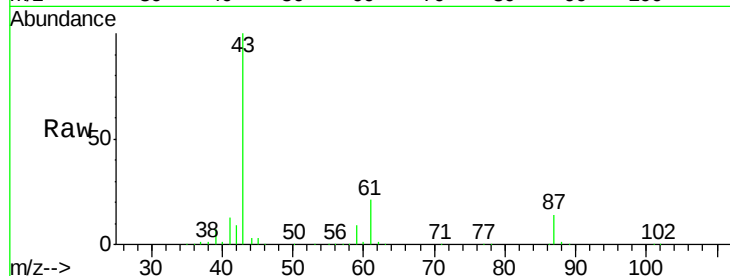
Tgt Ion: 43 Resp: 734734

Ion Ratio Lower Upper

43 100

61 21.2 14.4 21.6

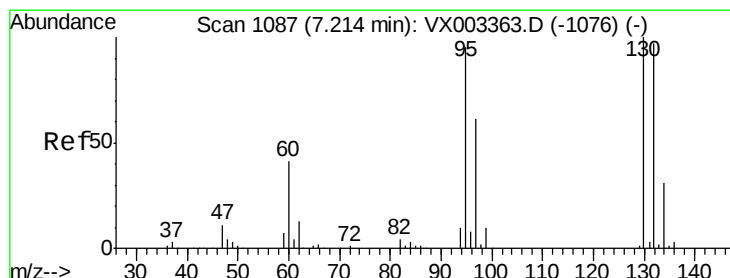
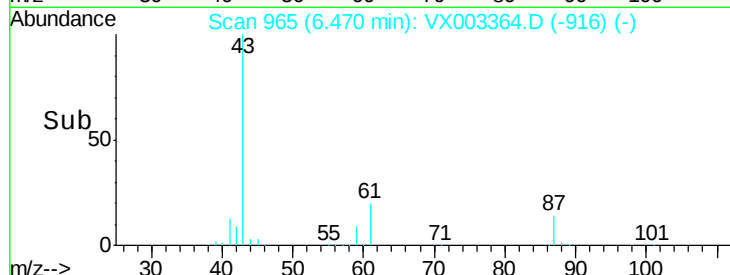
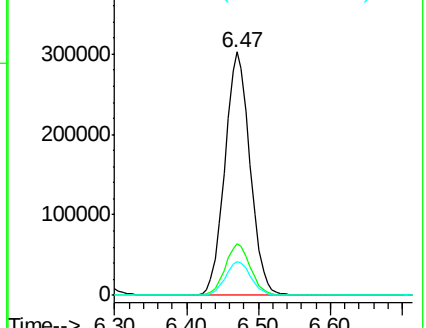
87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX003363.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX003363.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX003363.D (-954) (-)



#44

Trichloroethene

Concen: 91.936 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003364.D

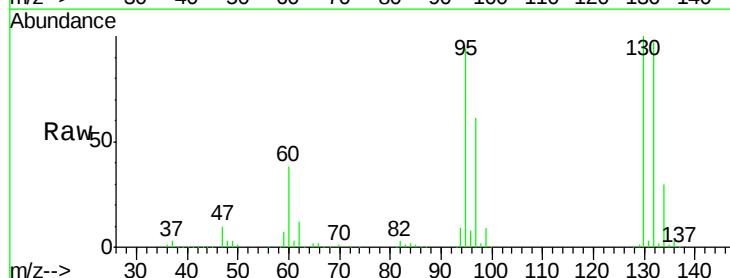
Acq: 13 Jul 2018 13:18

Tgt Ion: 130 Resp: 376988

Ion Ratio Lower Upper

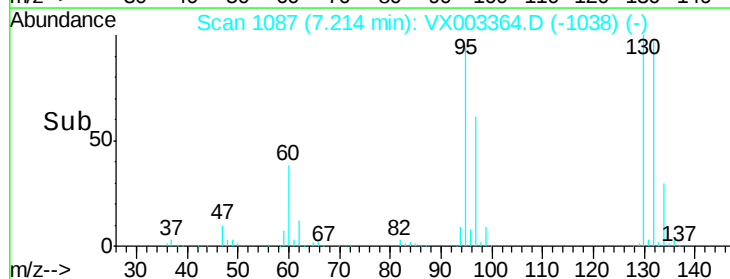
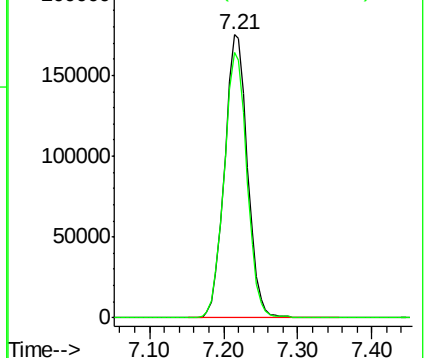
130 100

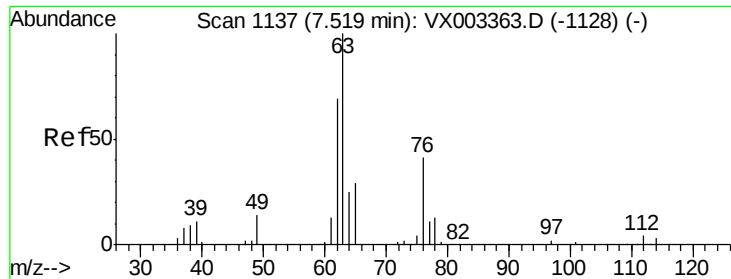
95 94.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX003363.D (-1076) (-)

Ion 94.90 (94.60 to 95.60): VX003363.D (-1076) (-)





#45

1,2-Dichloropropane

Concen: 92.155 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

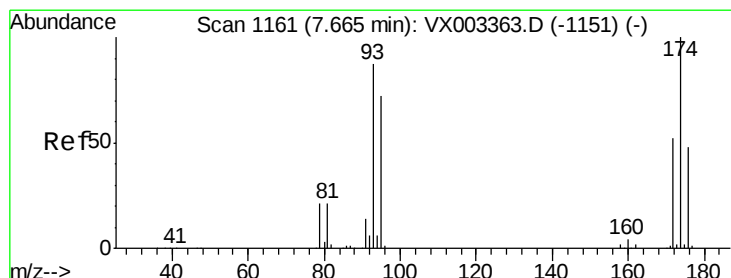
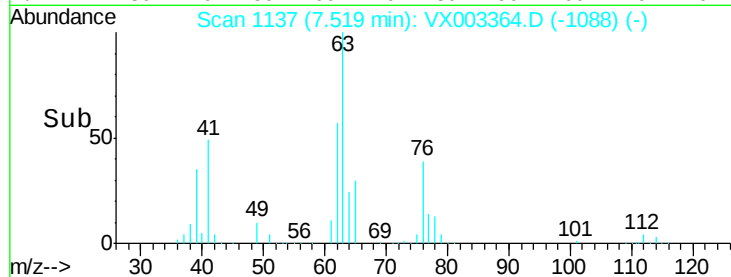
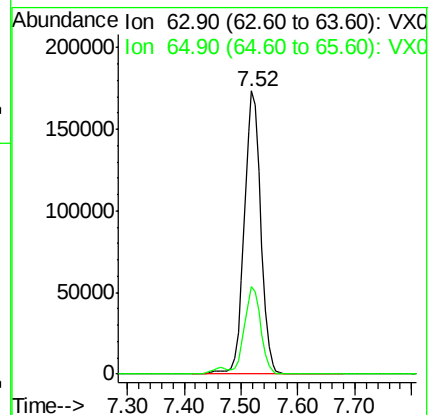
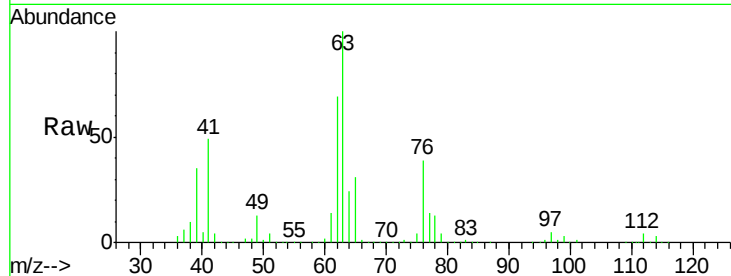
VSTDICC100

Tgt Ion: 63 Resp: 353757

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 91.936 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

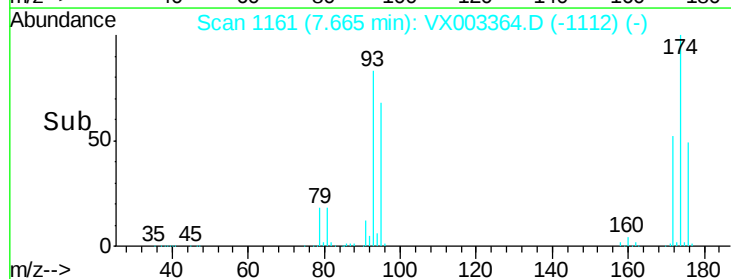
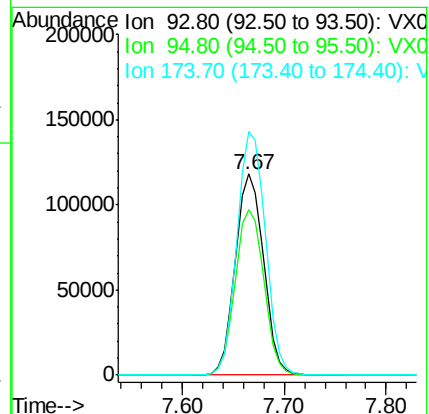
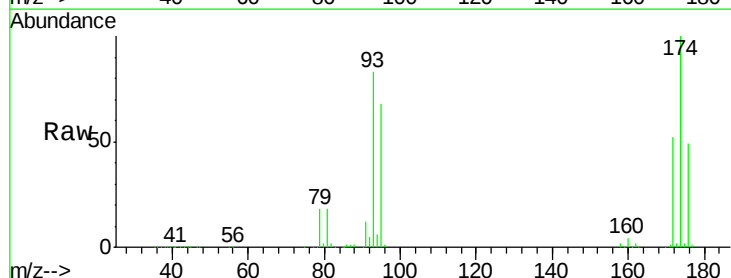
Tgt Ion: 93 Resp: 226905

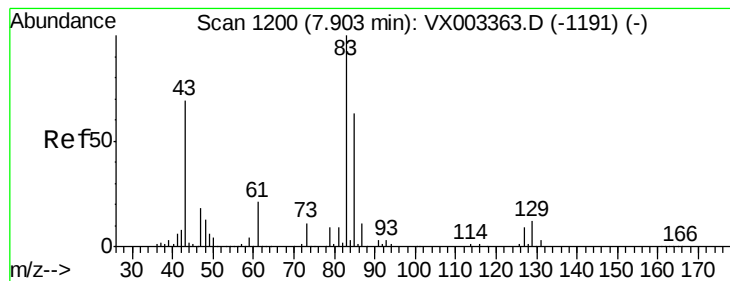
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 122.0 92.4 138.6





#47

Bromodichloromethane

Concen: 95.827 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

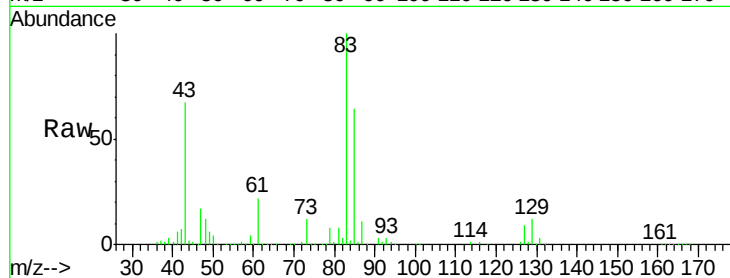
Tgt Ion: 83 Resp: 445912

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

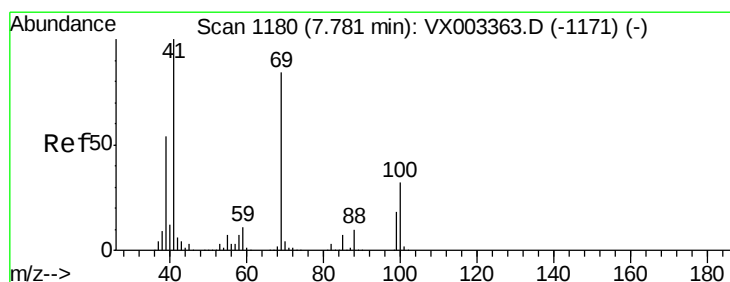
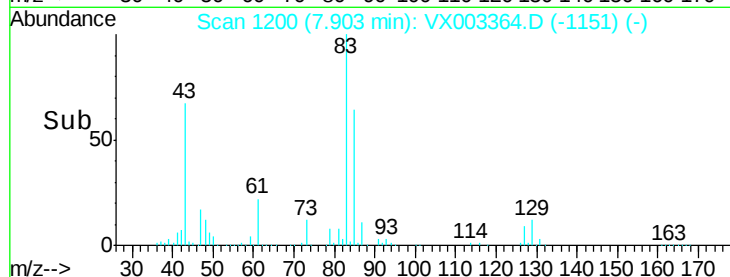
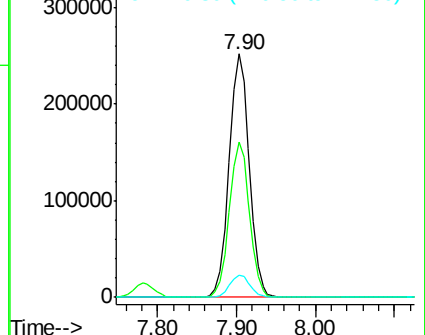
127 9.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 93.722 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

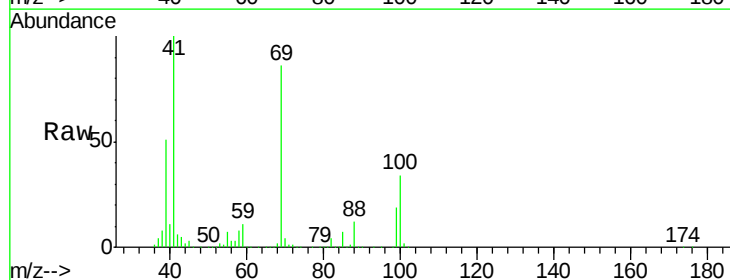
Tgt Ion: 41 Resp: 379545

Ion Ratio Lower Upper

41 100

69 87.4 59.1 88.7

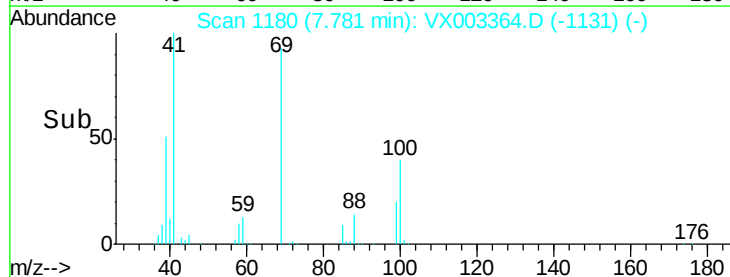
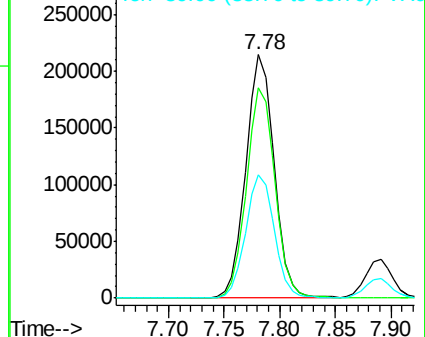
39 51.3 48.9 73.3

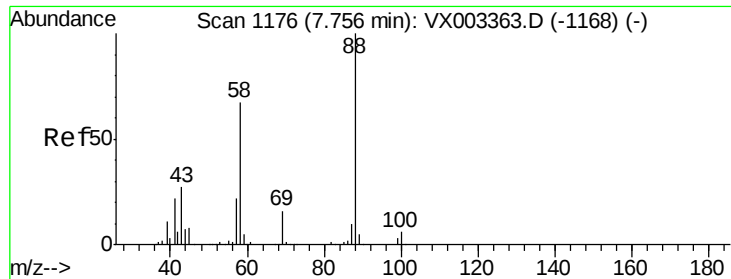


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

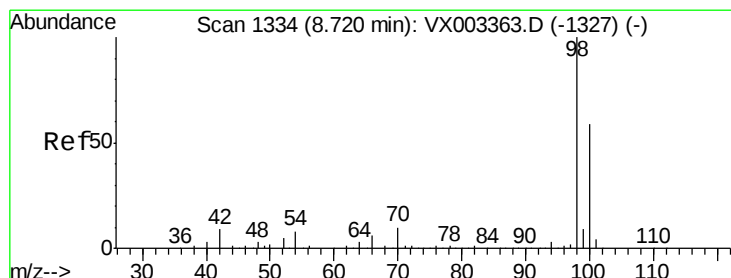
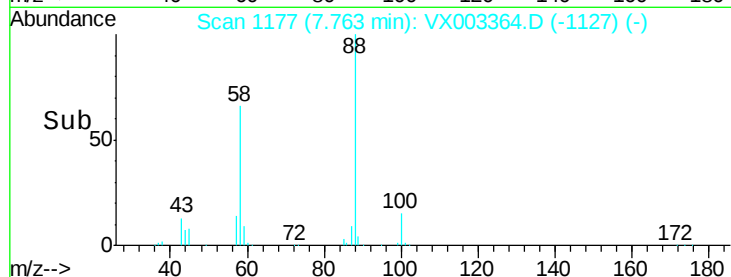
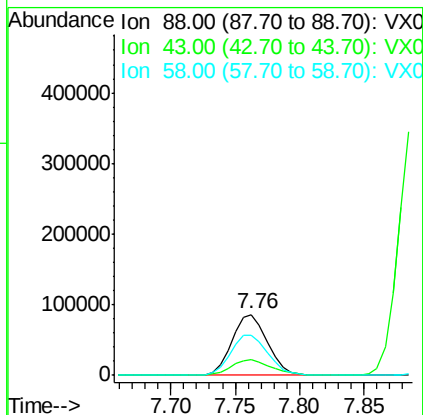
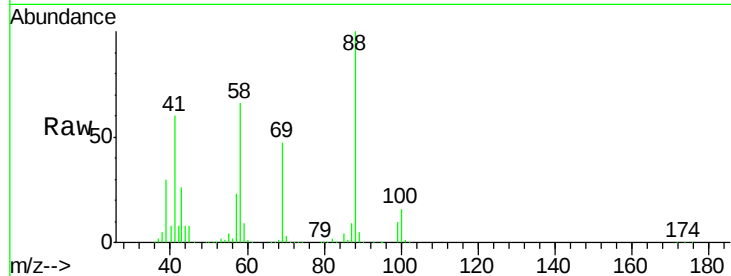




#49
1,4-Dioxane
Concen: 1866.389 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

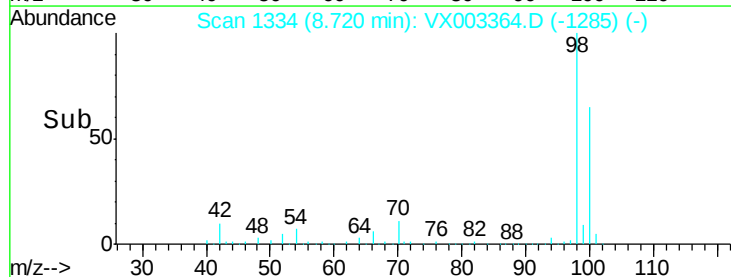
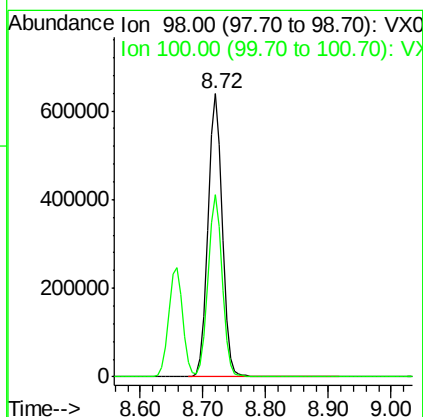
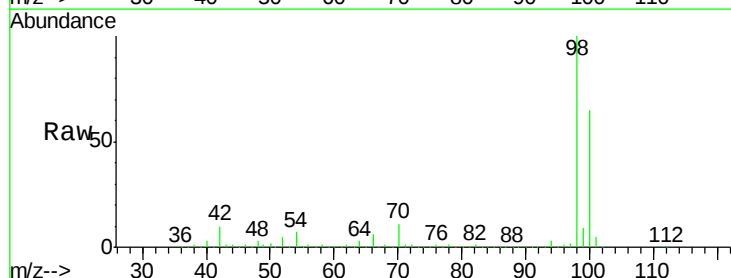
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

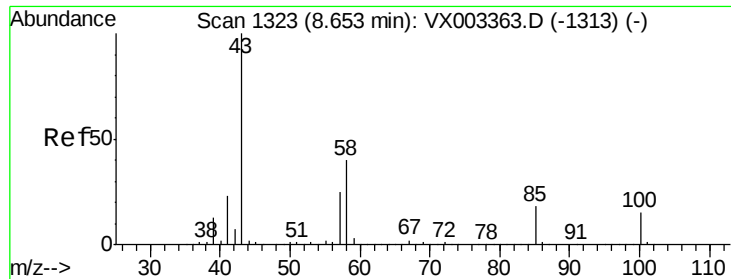
Tgt Ion: 88 Resp: 164939
Ion Ratio Lower Upper
88 100
43 29.2 29.8 44.6#
58 69.5 57.1 85.7



#50
Toluene-d8
Concen: 97.120 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 98 Resp: 1002126
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 462.918 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

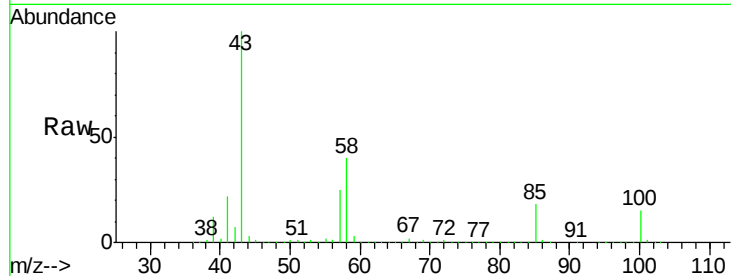
VSTDIC100

Tgt Ion: 43 Resp: 2400968

Ion Ratio Lower Upper

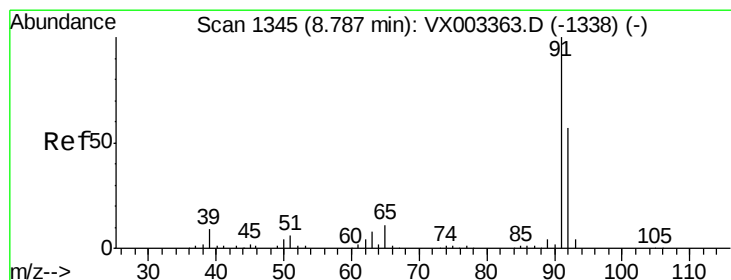
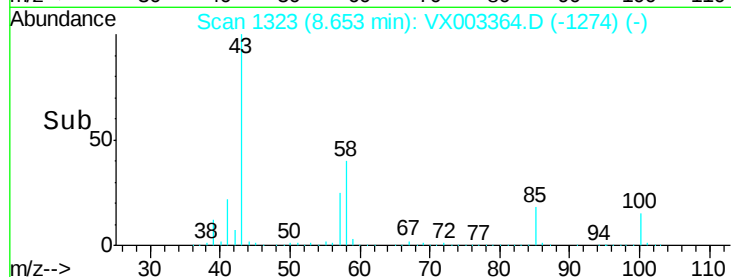
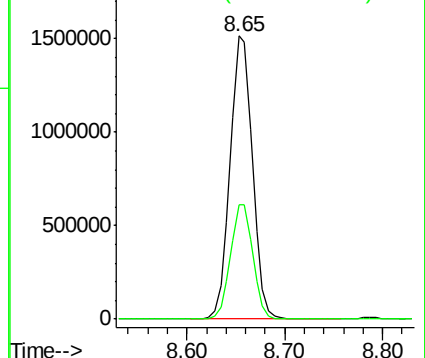
43 100

58 40.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 90.800 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003364.D

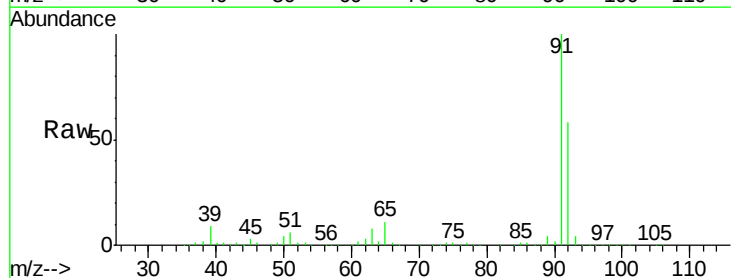
Acq: 13 Jul 2018 13:18

Tgt Ion: 92 Resp: 832633

Ion Ratio Lower Upper

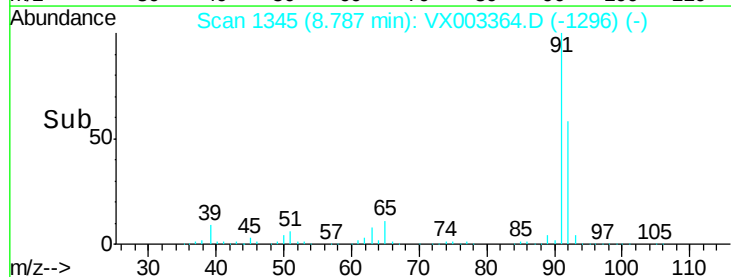
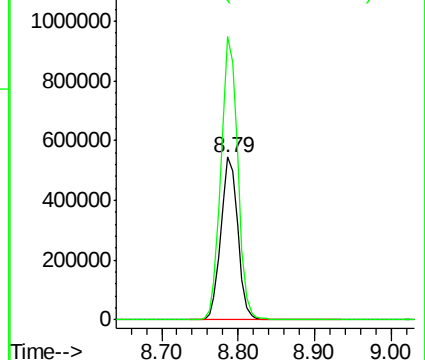
92 100

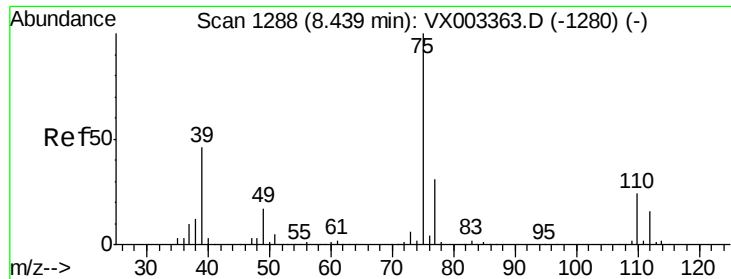
91 173.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

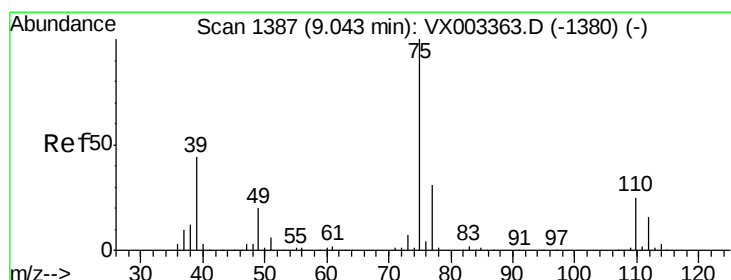
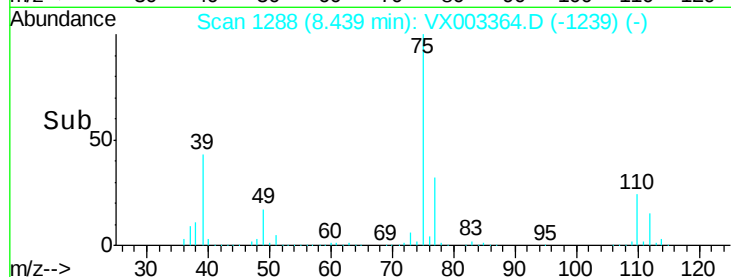
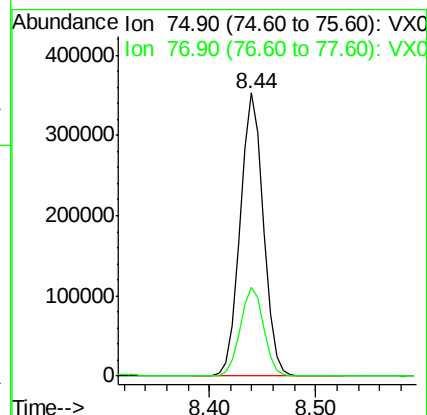
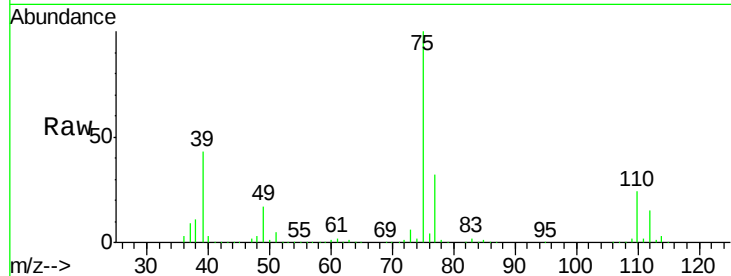




#53
t-1,3-Dichloropropene
Concen: 99.040 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

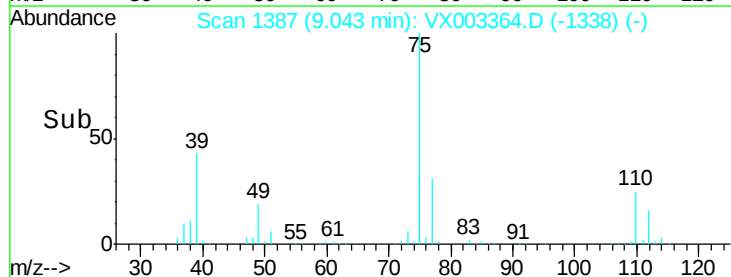
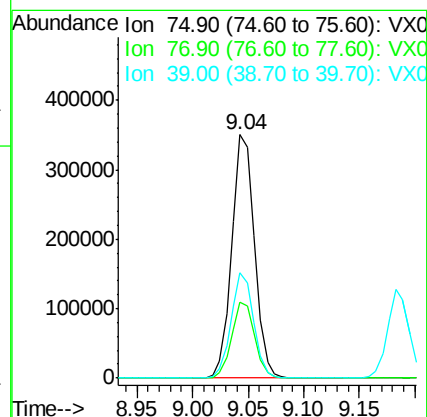
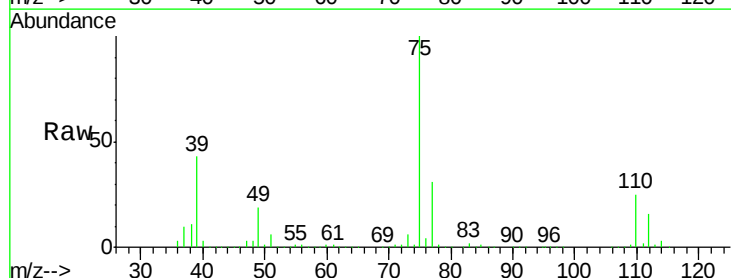
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

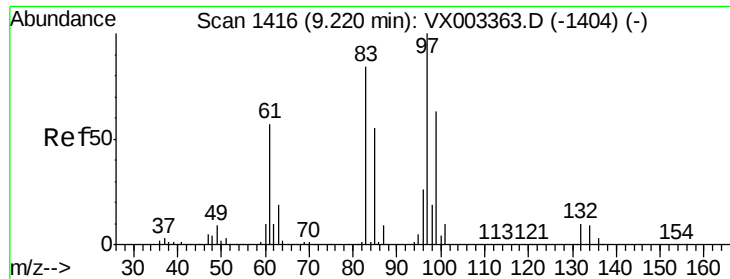
Tgt Ion: 75 Resp: 541327
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 99.229 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 75 Resp: 495436
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 43.3 42.4 63.6

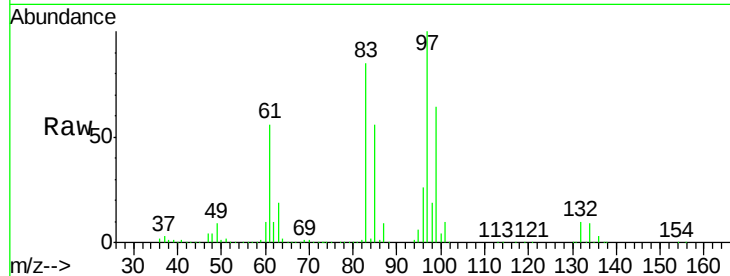




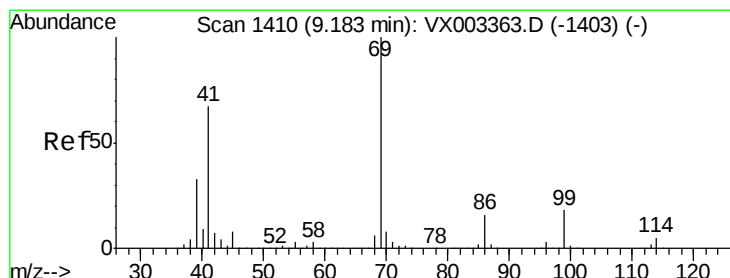
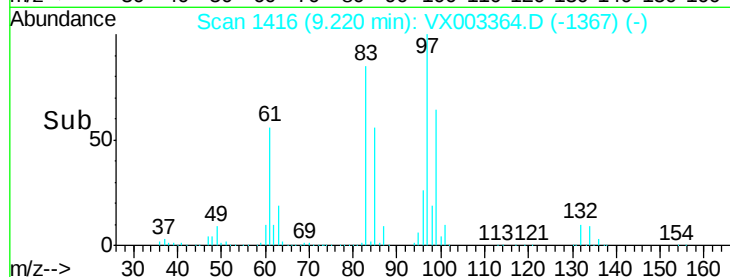
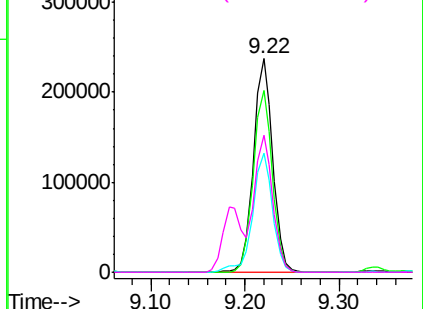
#55
 1,1,2-Trichloroethane
 Concen: 89.471 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 342447
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.2 105.2
 85 55.6 44.9 67.3
 99 64.0 49.8 74.8

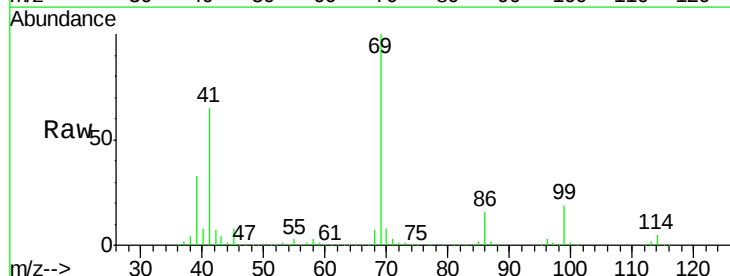


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

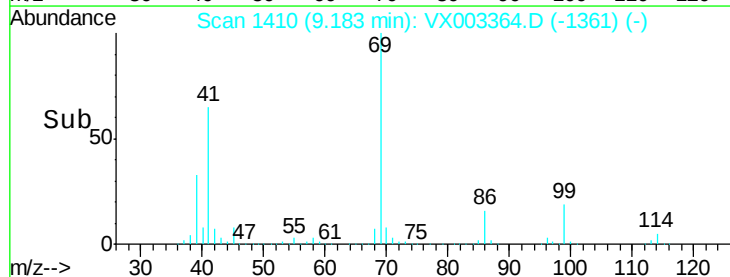
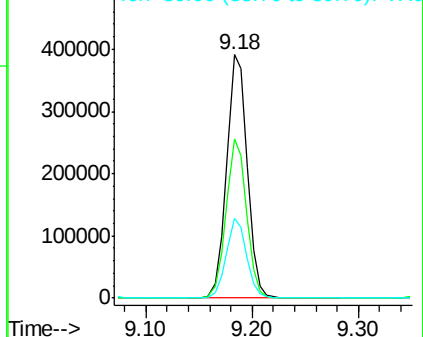


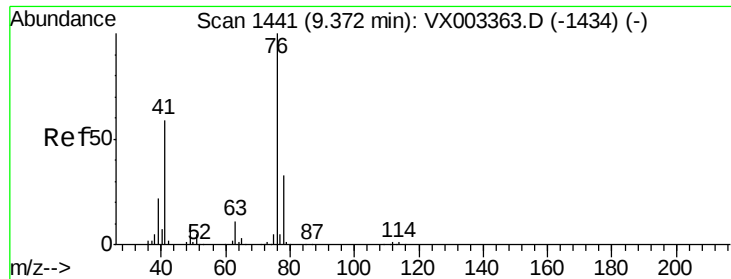
#56
 Ethyl methacrylate
 Concen: 97.787 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion: 69 Resp: 534610
 Ion Ratio Lower Upper
 69 100
 41 64.5 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: 89.520 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

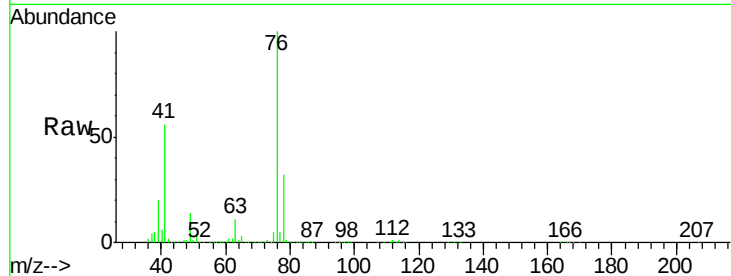
VSTDIC100

Tgt Ion: 76 Resp: 555341

Ion Ratio Lower Upper

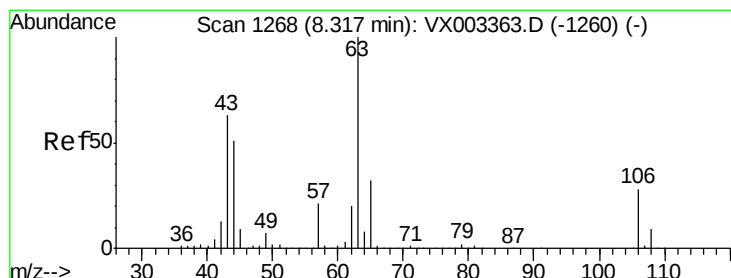
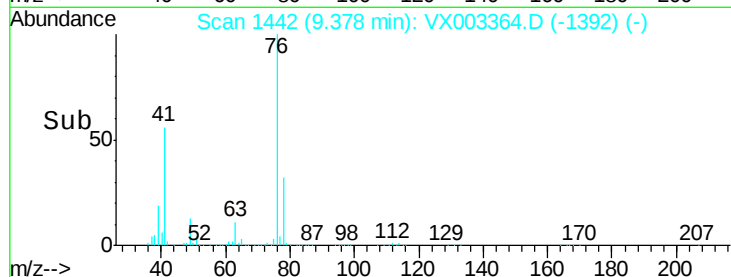
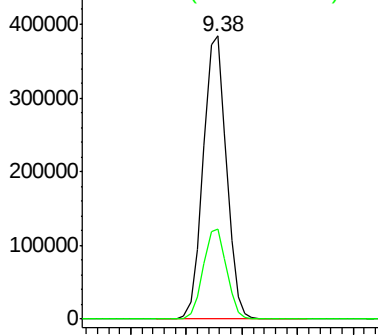
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 489.333 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003364.D

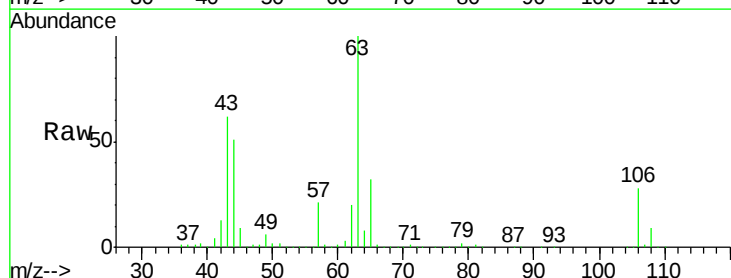
Acq: 13 Jul 2018 13:18

Tgt Ion: 63 Resp: 1299999

Ion Ratio Lower Upper

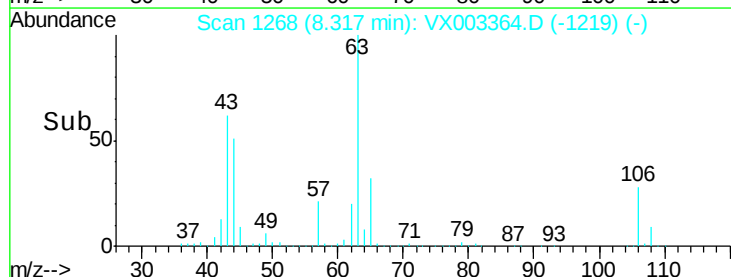
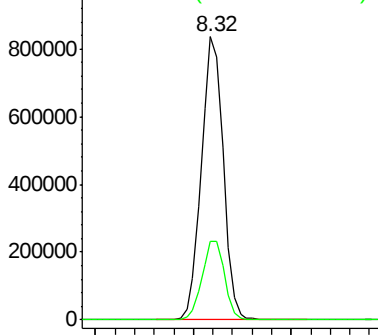
63 100

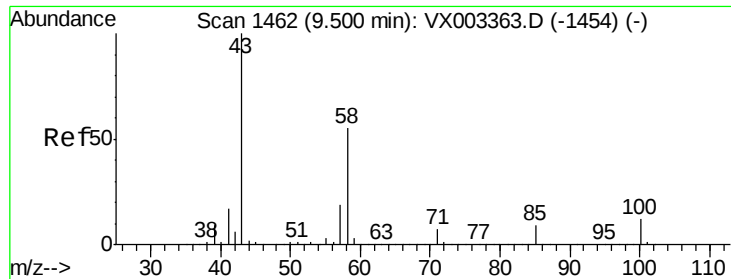
106 28.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

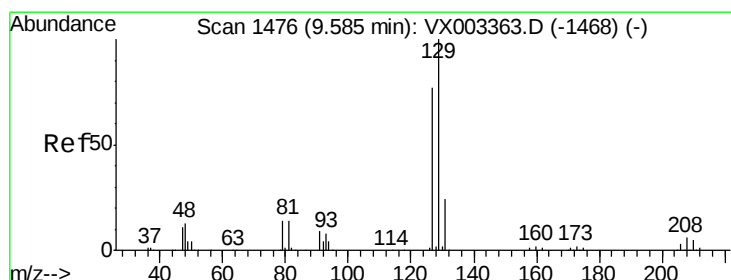
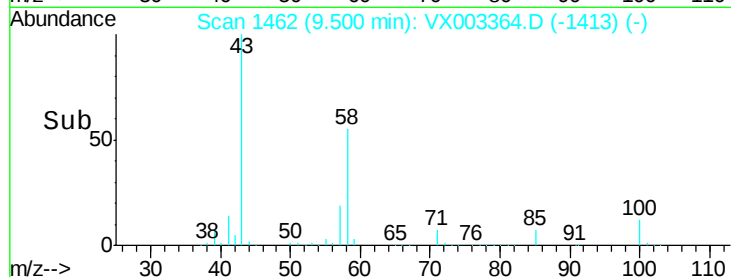
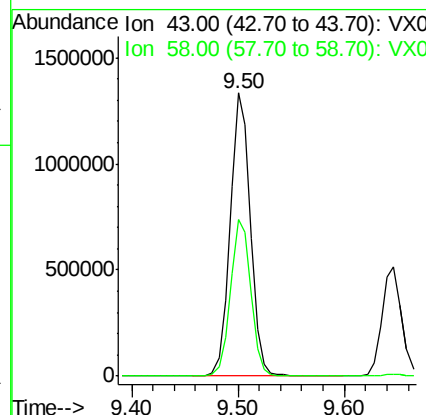
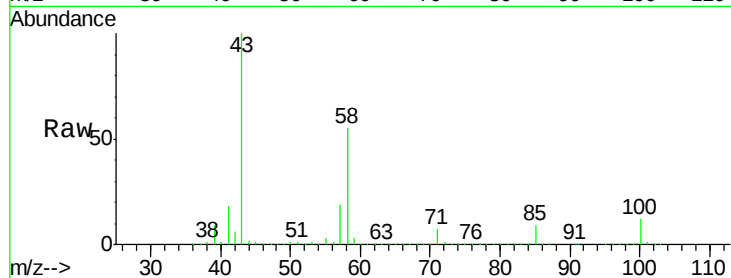




#59
 2-Hexanone
 Concen: 463.199 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

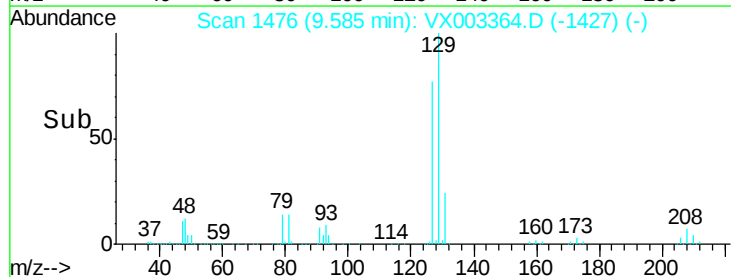
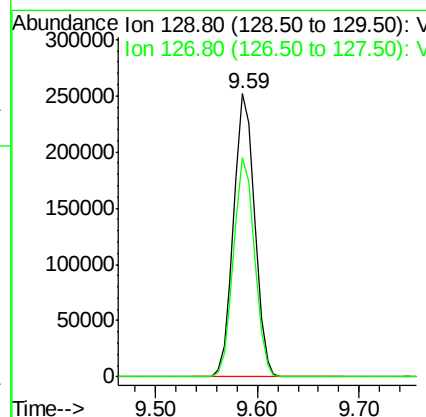
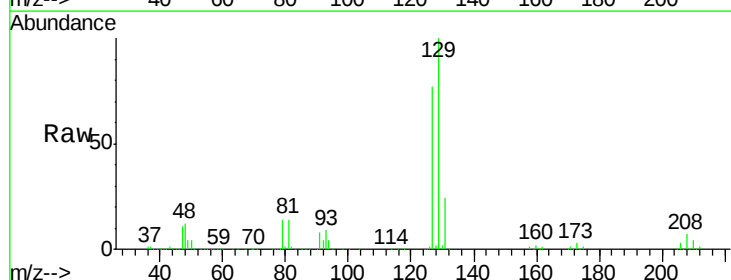
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

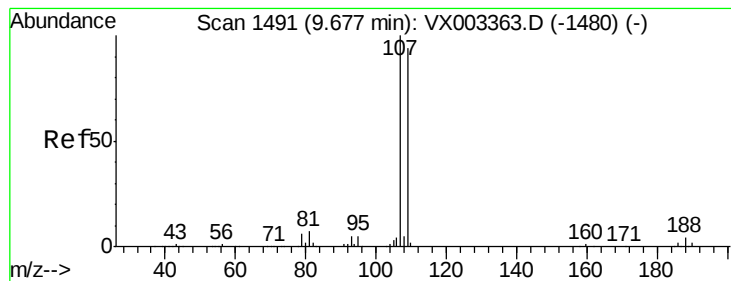
Tgt Ion: 43 Resp: 1771979
 Ion Ratio Lower Upper
 43 100
 58 55.9 24.6 73.6



#60
 Dibromochloromethane
 Concen: 96.336 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion: 129 Resp: 357924
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 90.329 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

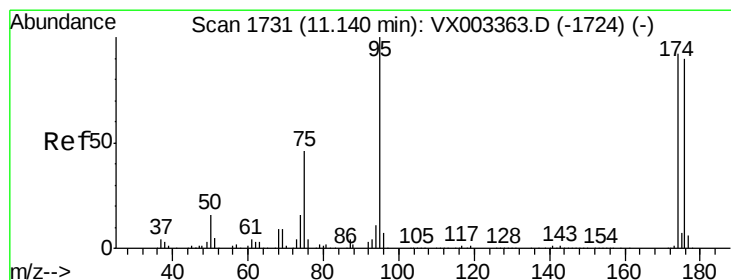
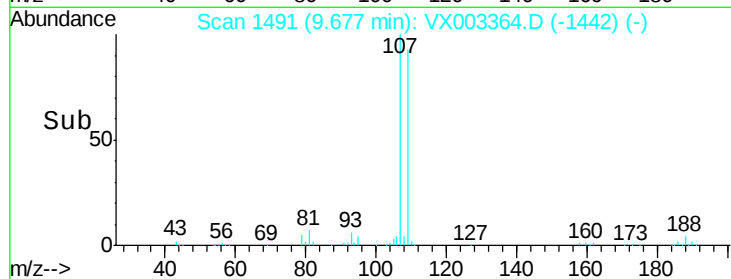
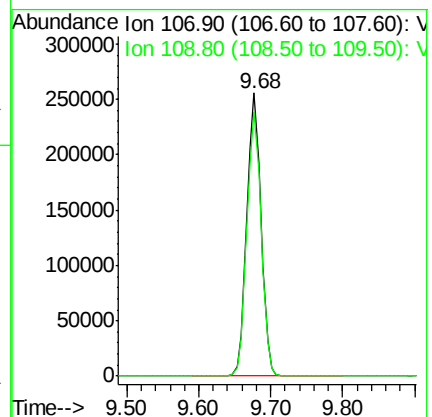
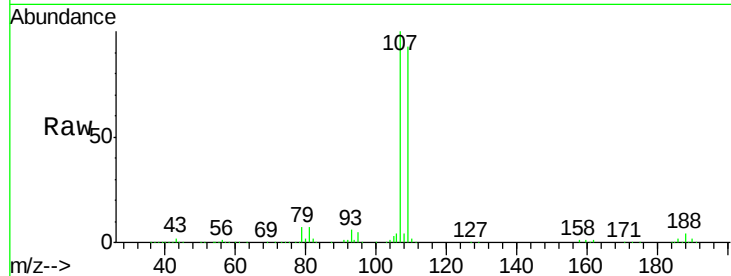
VSTDIC100

Tgt Ion: 107 Resp: 348616

Ion Ratio Lower Upper

107 100

109 94.2 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 88.210 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

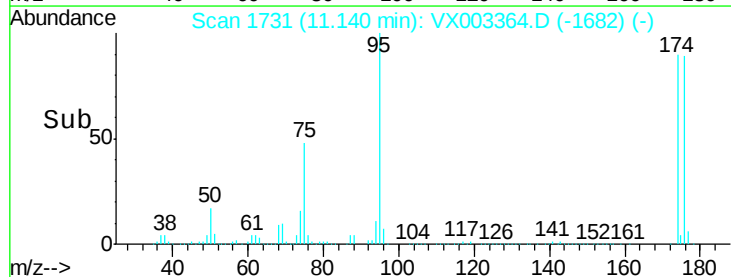
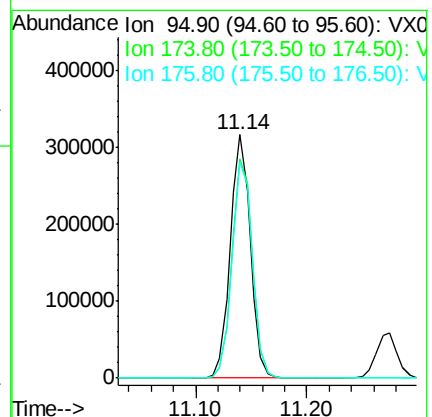
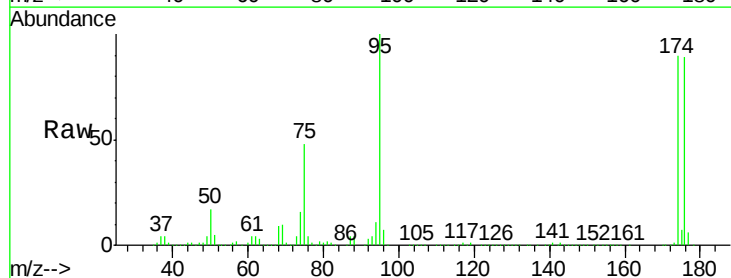
Tgt Ion: 95 Resp: 393204

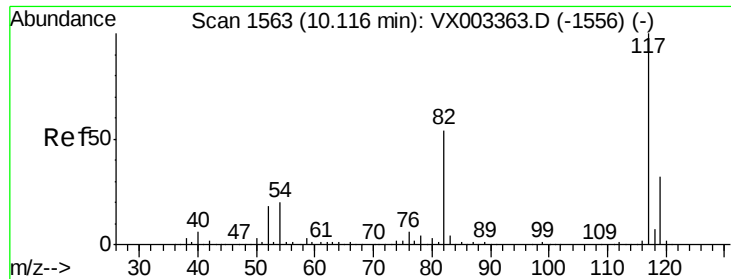
Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.4

176 90.3 0.0 181.0

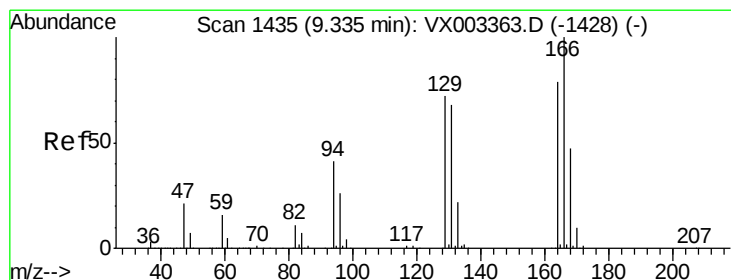
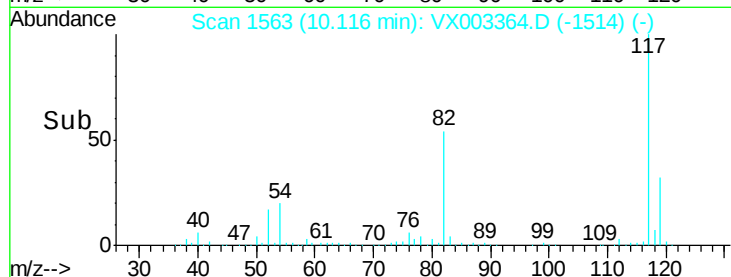
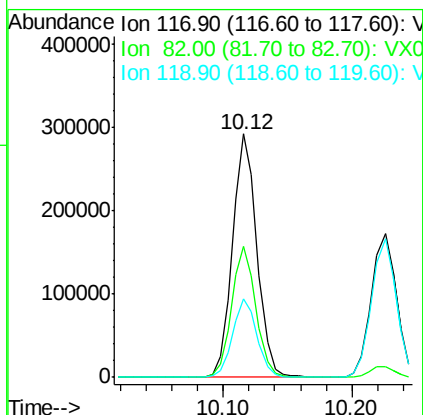
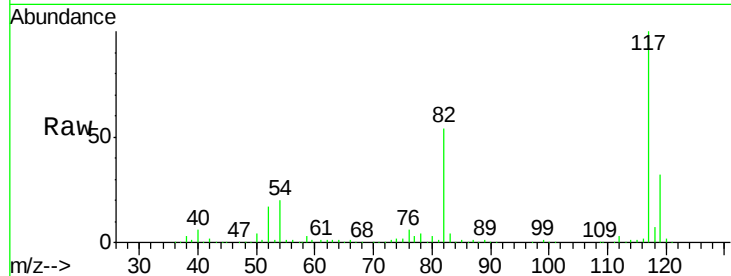




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

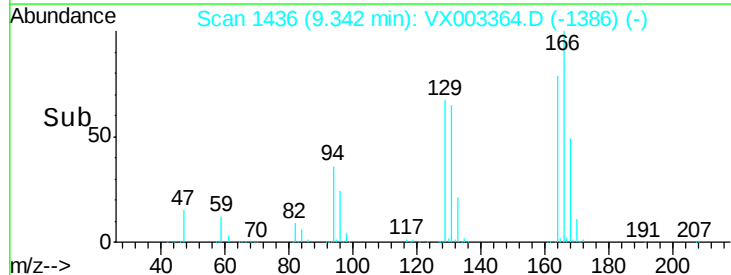
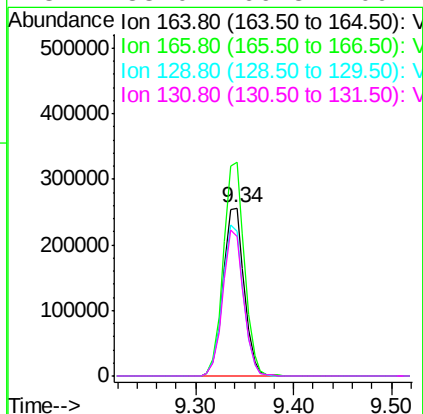
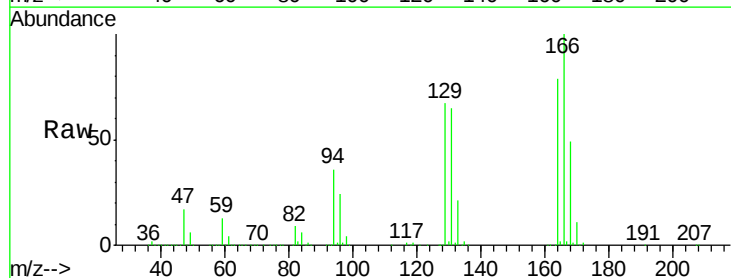
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

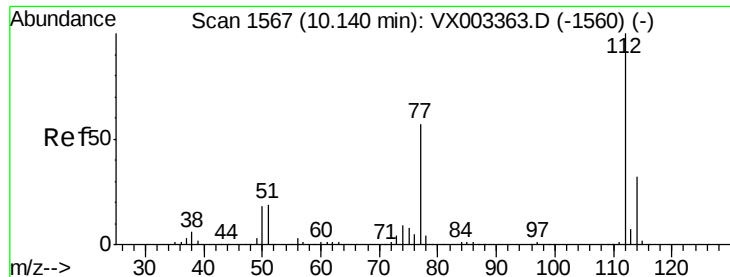
Tgt Ion:117 Resp: 385371
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 91.515 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion:164 Resp: 381928
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 85.9 68.6 102.8
131 83.0 66.8 100.2

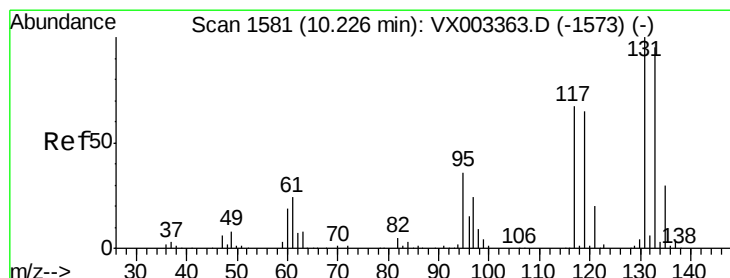
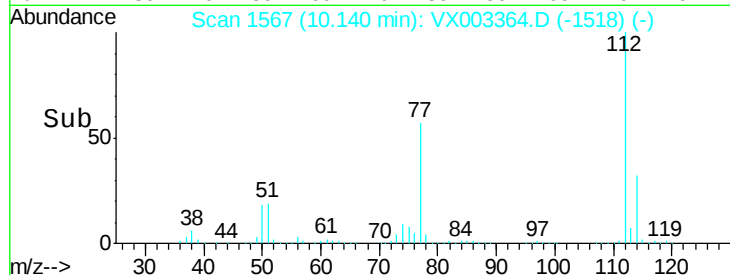
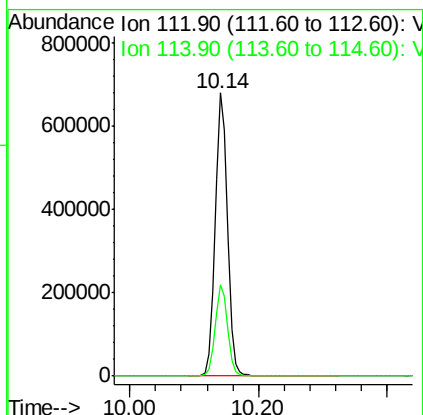
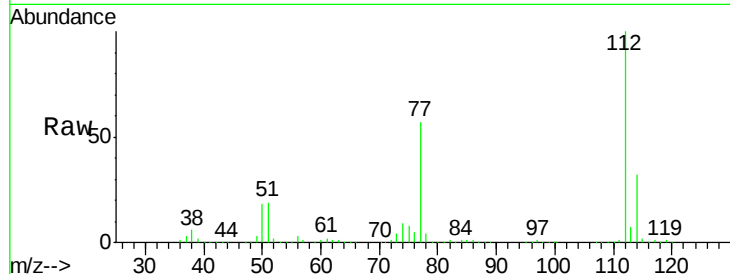




#65
Chlorobenzene
Concen: 92.598 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

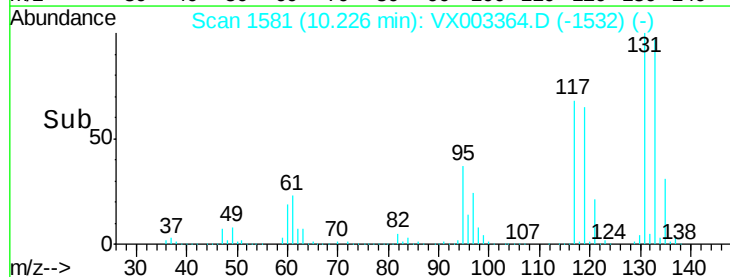
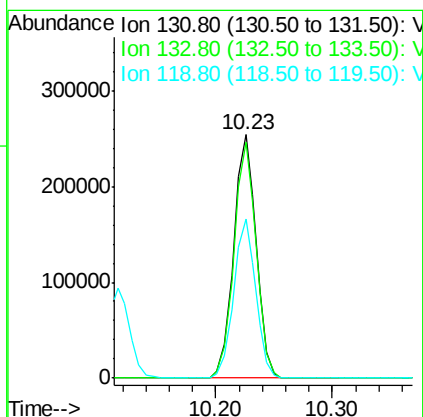
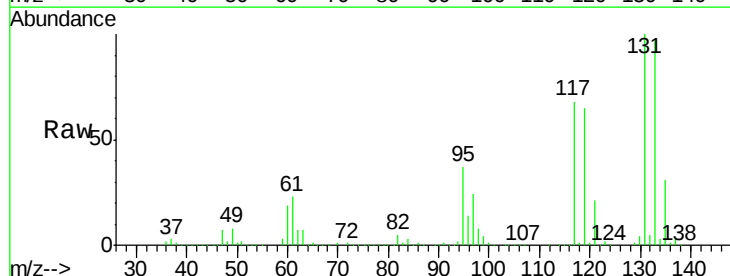
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

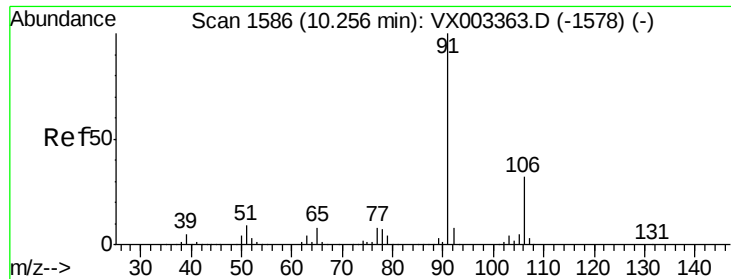
Tgt Ion:112 Resp: 916299
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 97.257 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion:131 Resp: 340302
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 64.6 31.8 95.3

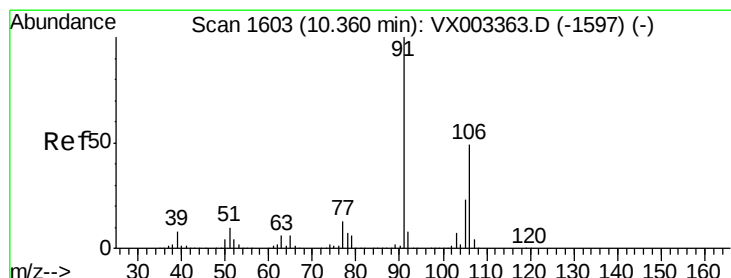
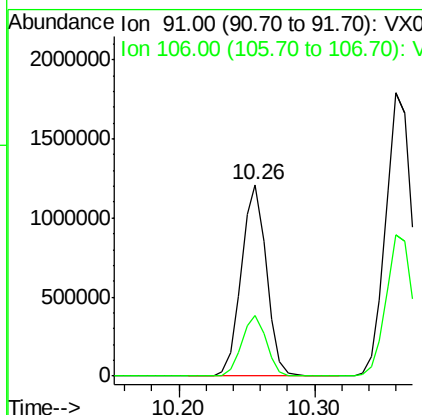
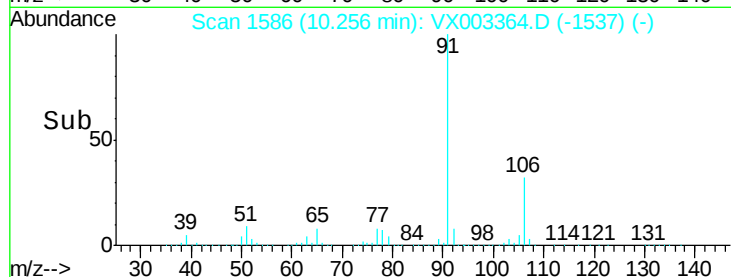
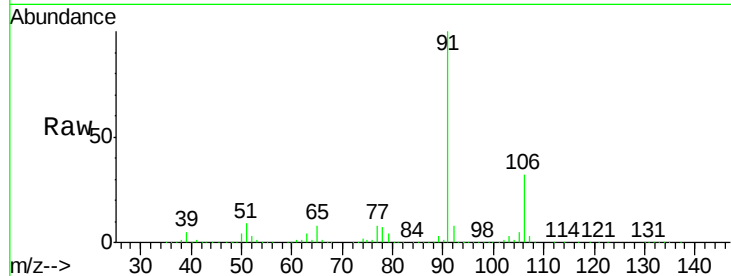




#67
Ethyl Benzene
Concen: 96.585 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

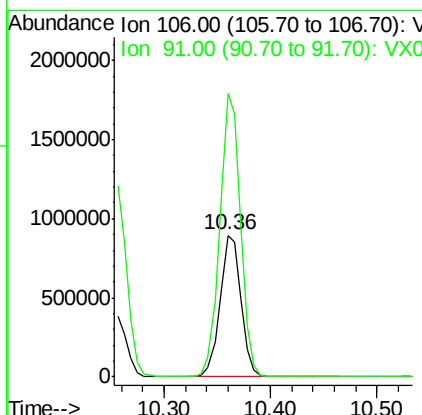
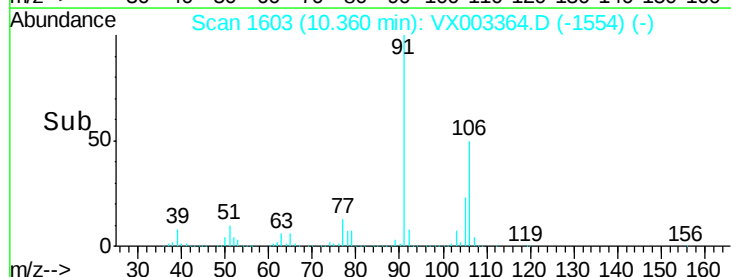
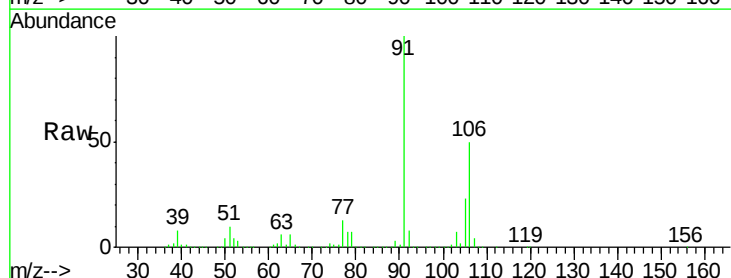
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

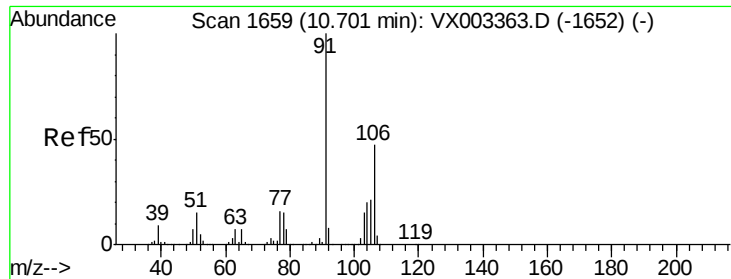
Tgt Ion: 91 Resp: 1555366
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 195.321 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 106 Resp: 1211679
Ion Ratio Lower Upper
106 100
91 199.9 163.4 245.2

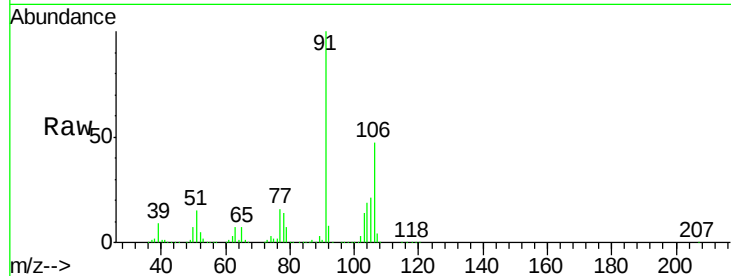




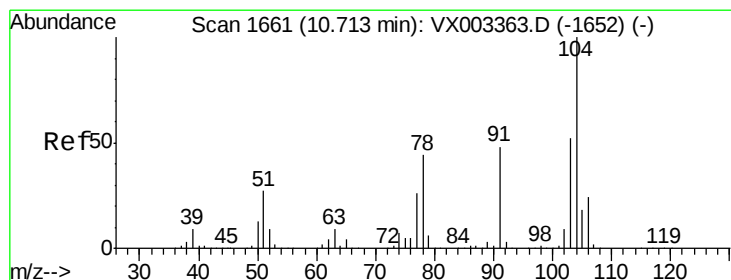
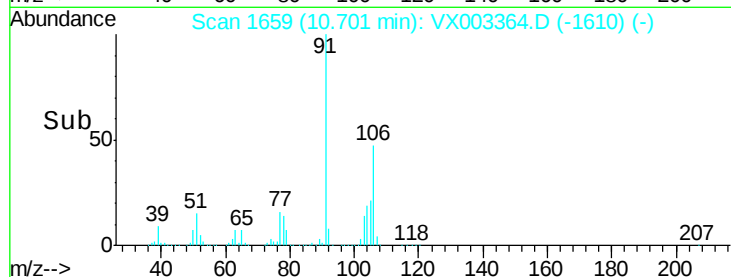
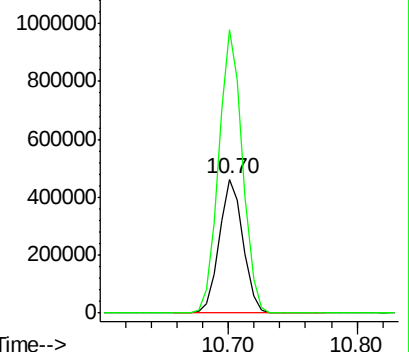
#69
o-Xylene
Concen: 98.323 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 595741
Ion Ratio Lower Upper
106 100
91 211.4 108.2 324.6

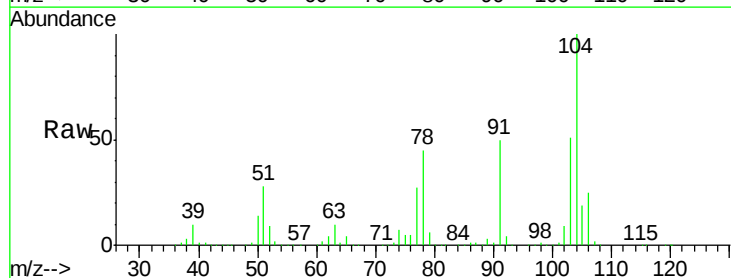


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

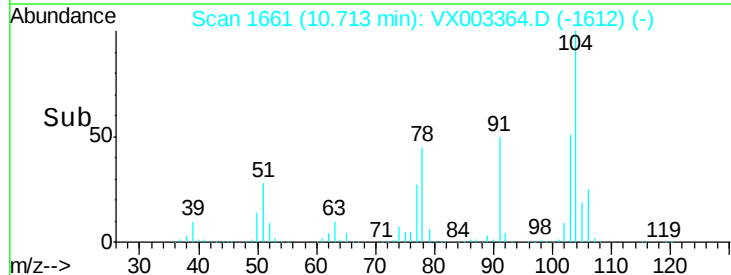
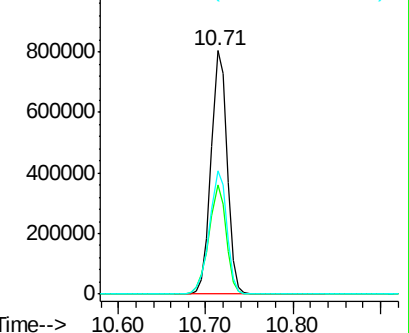


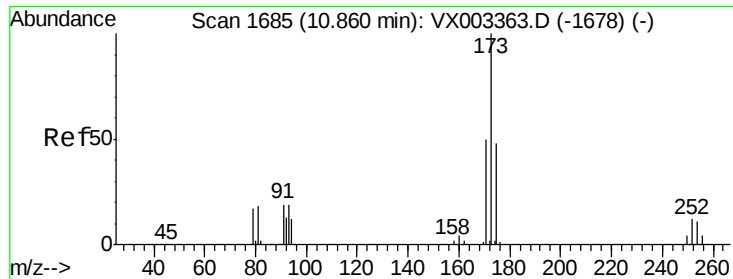
#70
Styrene
Concen: 99.987 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion:104 Resp: 1018112
Ion Ratio Lower Upper
104 100
78 48.4 41.0 61.6
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 105.948 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

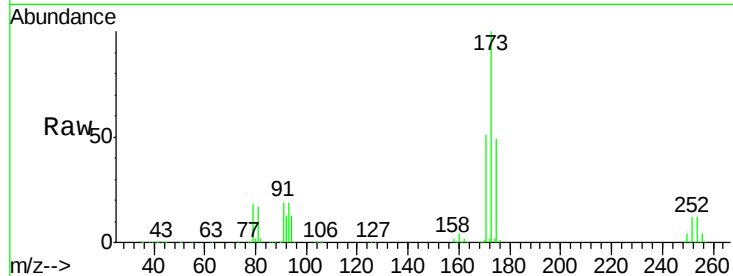
Tgt Ion:173 Resp: 283805

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

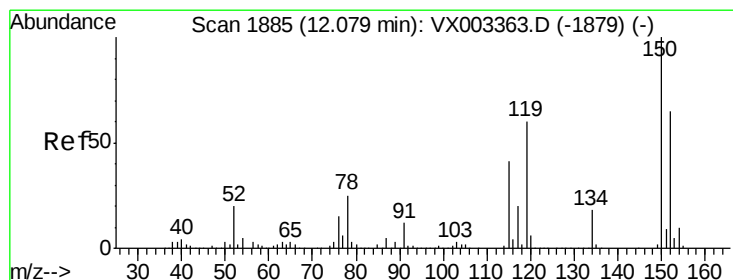
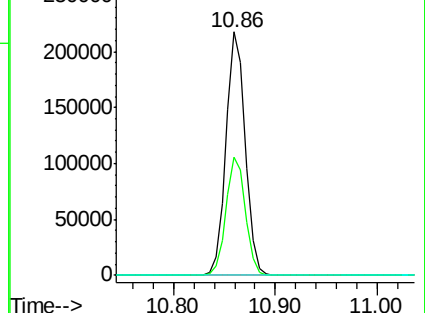
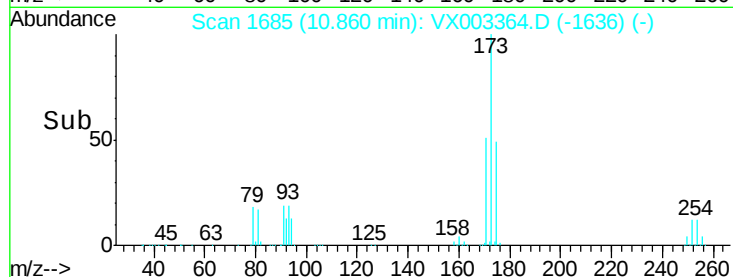
254 0.2 0.2 0.2



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

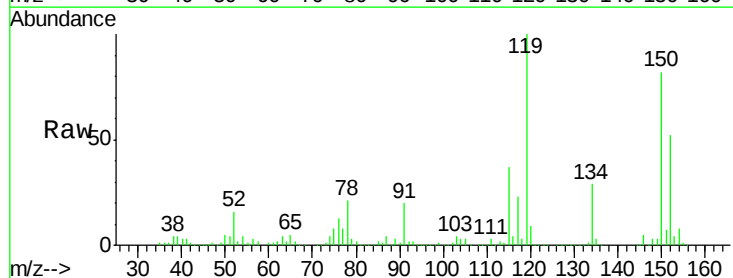
Tgt Ion:152 Resp: 243331

Ion Ratio Lower Upper

152 100

115 98.6 40.1 120.2

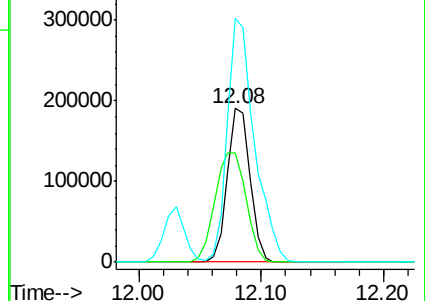
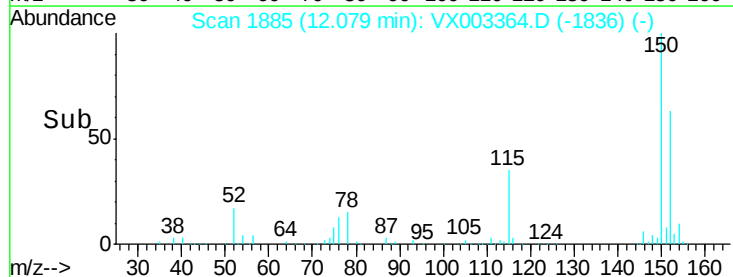
150 190.5 0.0 347.2

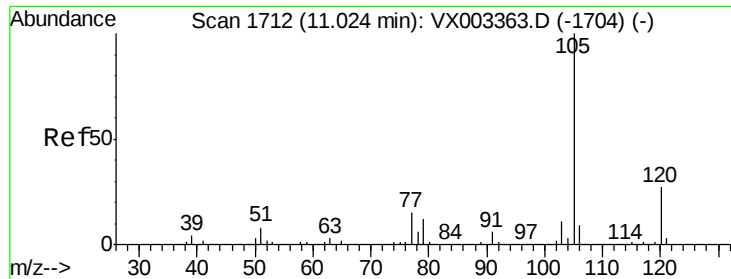


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.244 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampled :

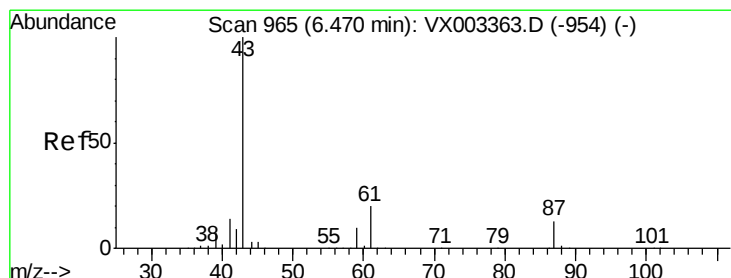
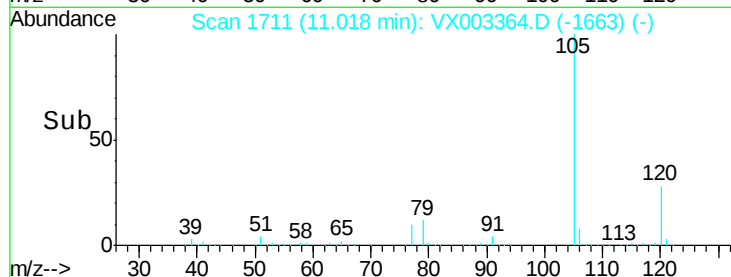
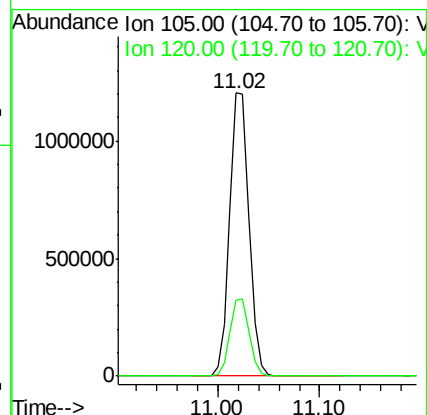
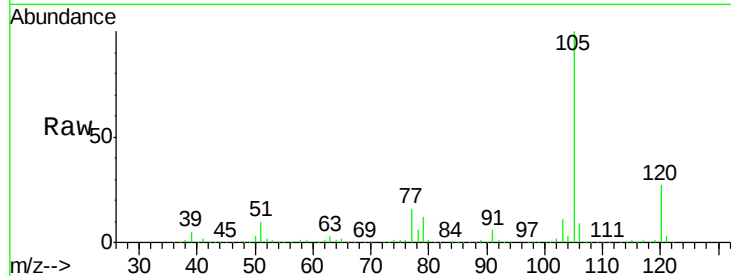
VSTDIC100

Tgt Ion:105 Resp: 1585671

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 94.208 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Tgt Ion: 43 Resp: 734734

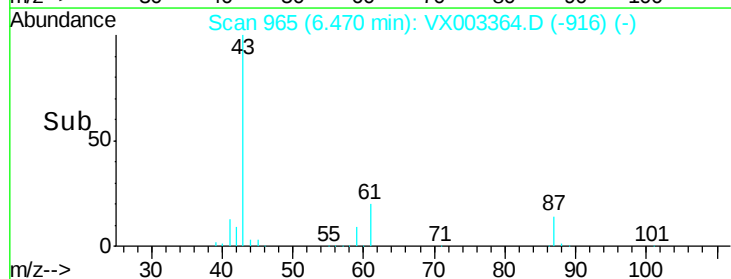
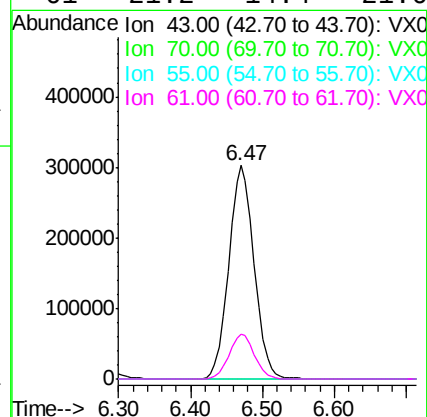
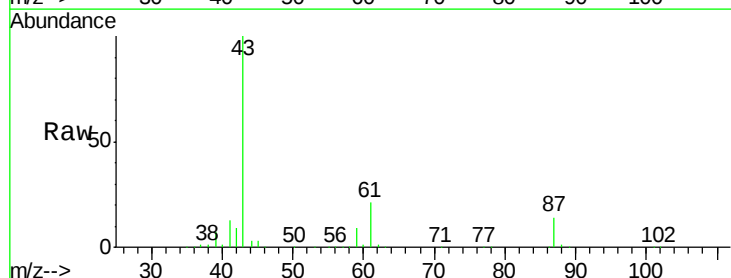
Ion Ratio Lower Upper

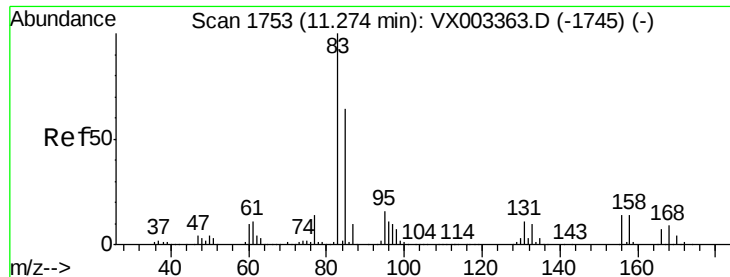
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 91.466 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

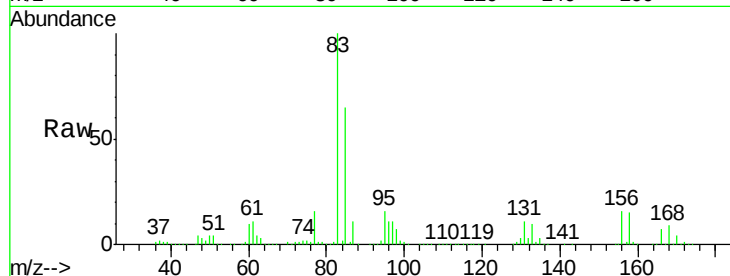
Tgt Ion: 83 Resp: 502402

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

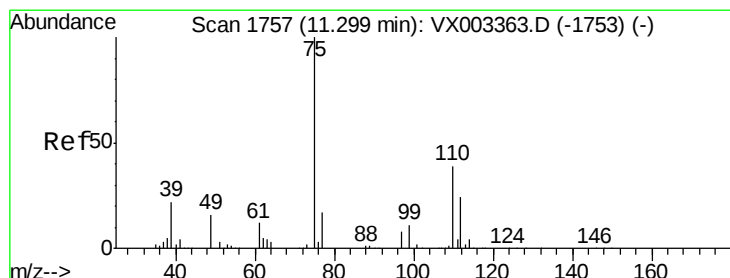
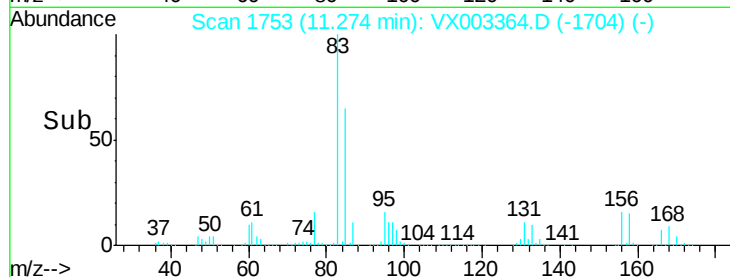
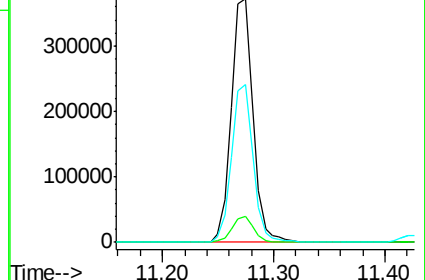
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 123.541 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003364.D

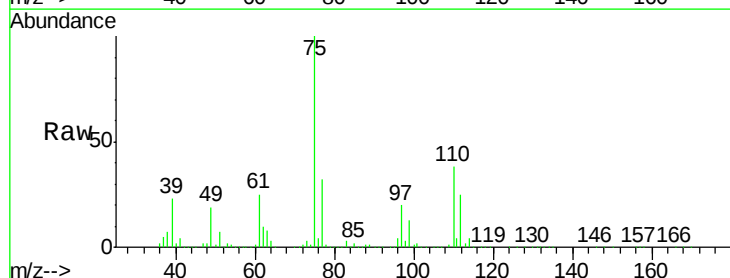
Acq: 13 Jul 2018 13:18

Tgt Ion: 75 Resp: 593898

Ion Ratio Lower Upper

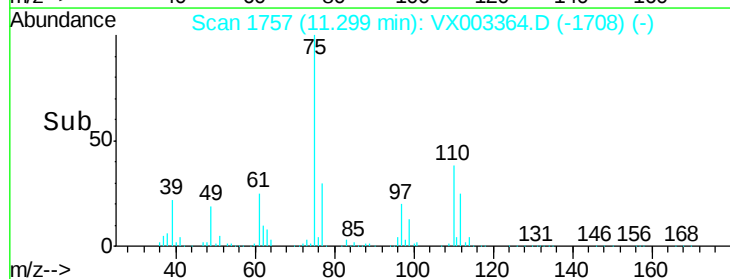
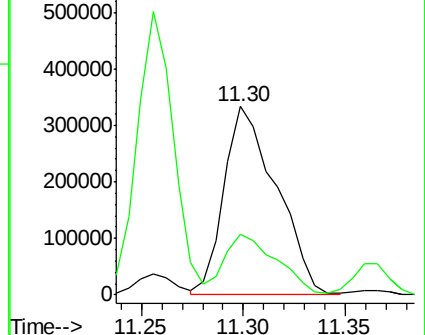
75 100

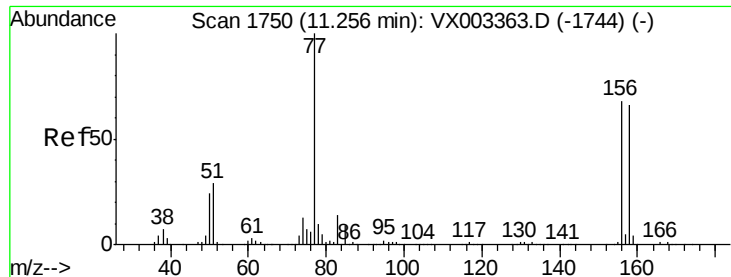
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 91.686 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

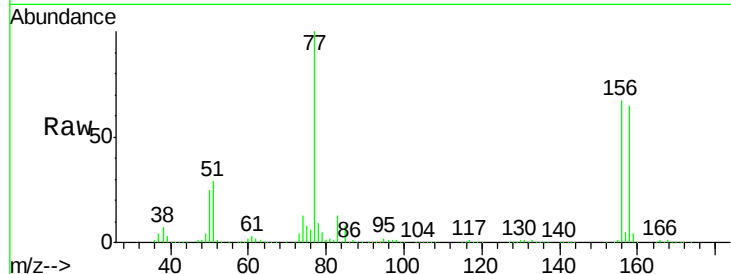
Tgt Ion:156 Resp: 435896

Ion Ratio Lower Upper

156 100

77 142.5 71.4 214.2

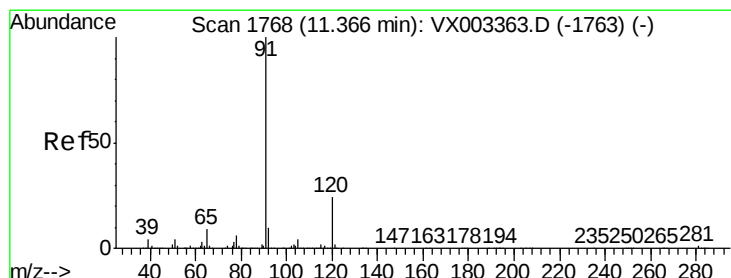
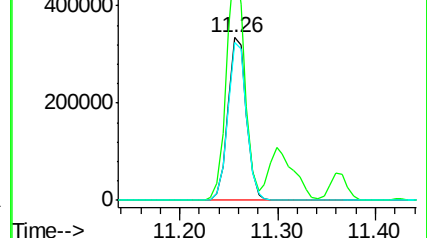
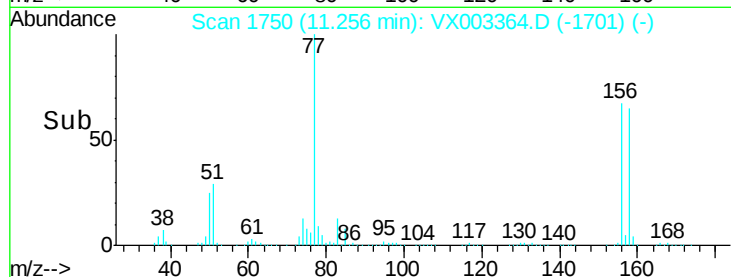
158 97.6 48.9 146.6



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: 95.708 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003364.D

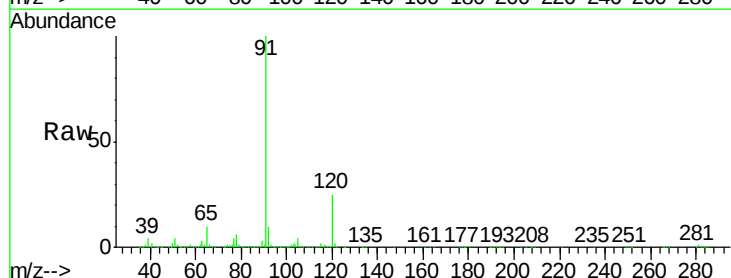
Acq: 13 Jul 2018 13:18

Tgt Ion: 91 Resp: 1820158

Ion Ratio Lower Upper

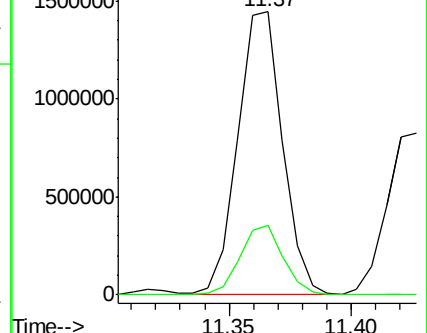
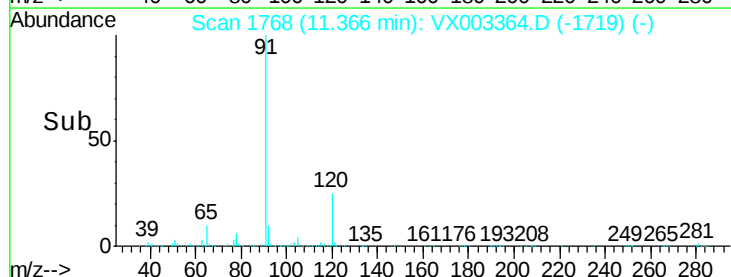
91 100

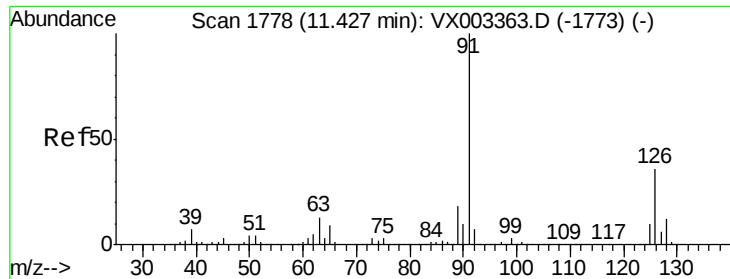
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

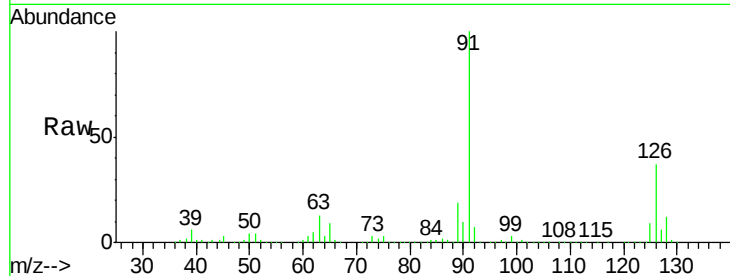




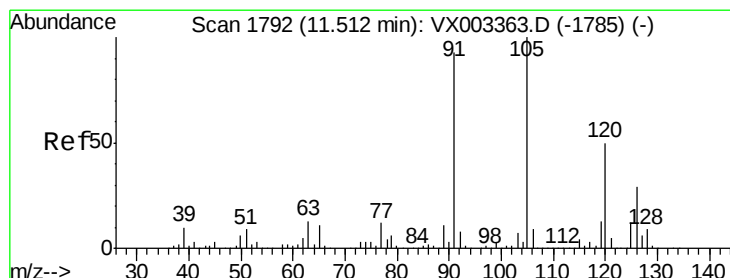
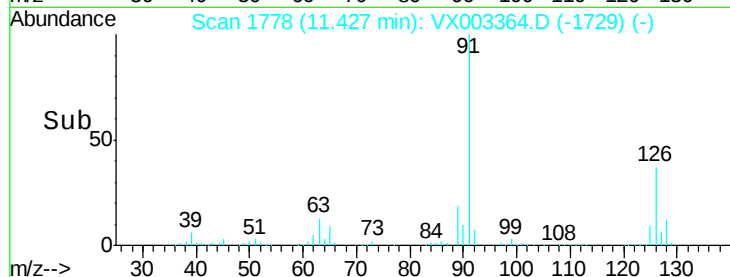
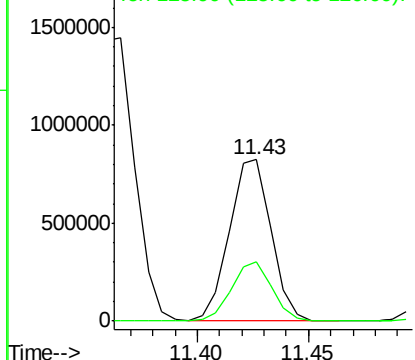
#79
 2-Chlorotoluene
 Concen: 91.492 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 1074745
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1

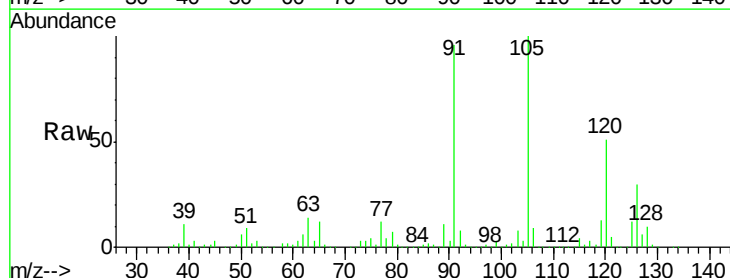


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

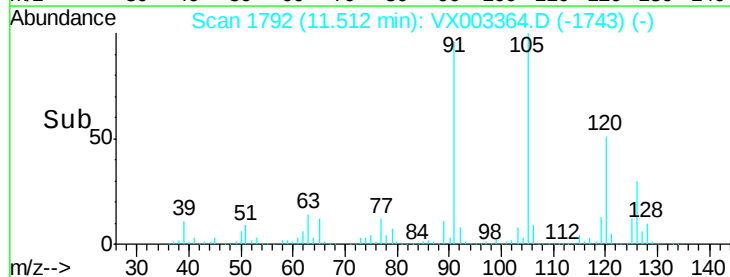
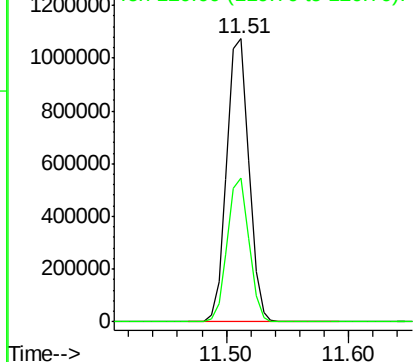


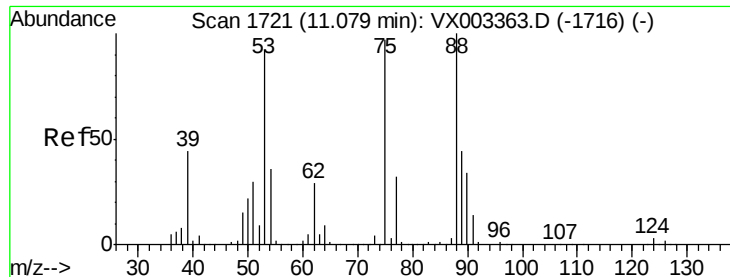
#80
 1,3,5-Trimethylbenzene
 Concen: 96.234 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion: 105 Resp: 1341852
 Ion Ratio Lower Upper
 105 100
 120 49.7 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: 107.553 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

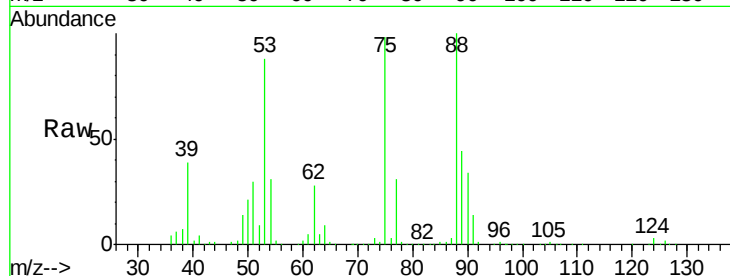
Tgt Ion: 75 Resp: 155079

Ion Ratio Lower Upper

75 100

53 92.8 86.8 130.2

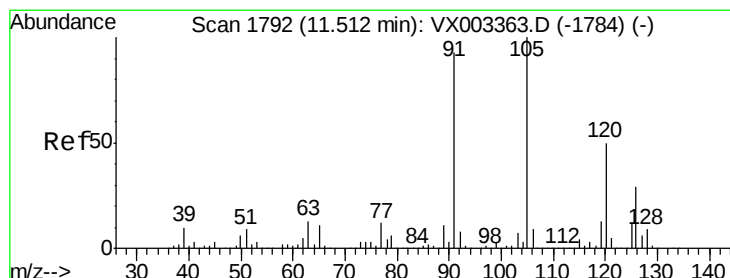
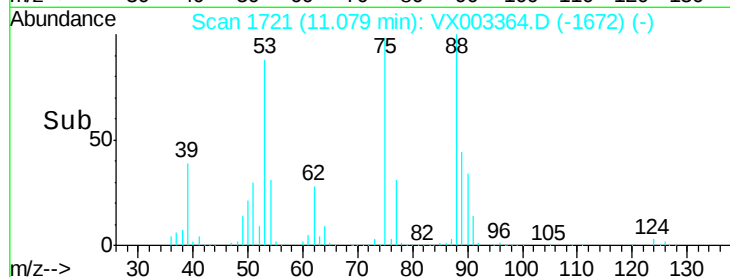
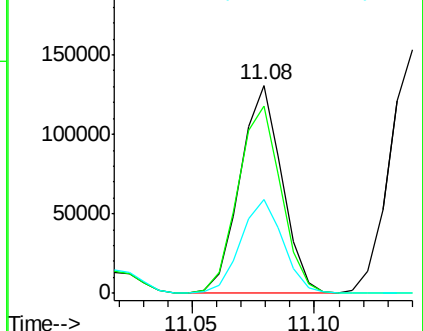
89 45.5 38.2 57.2



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: 93.635 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003364.D

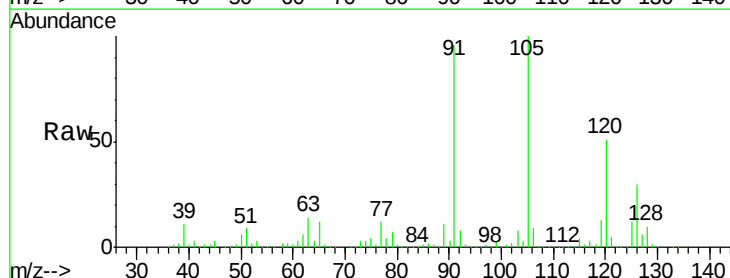
Acq: 13 Jul 2018 13:18

Tgt Ion: 91 Resp: 1281439

Ion Ratio Lower Upper

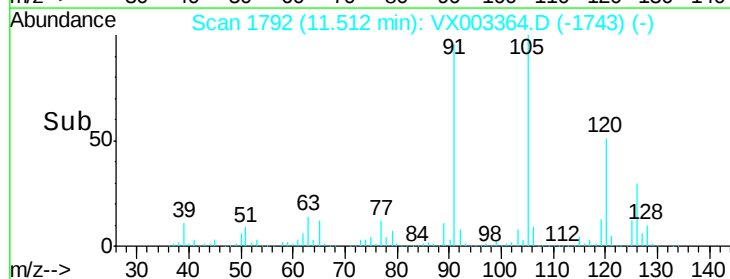
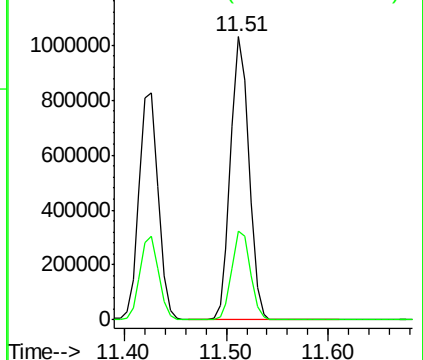
91 100

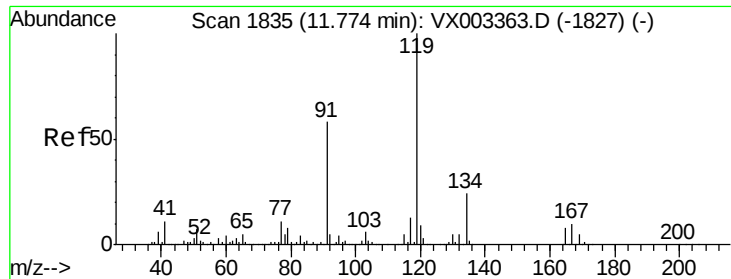
126 31.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

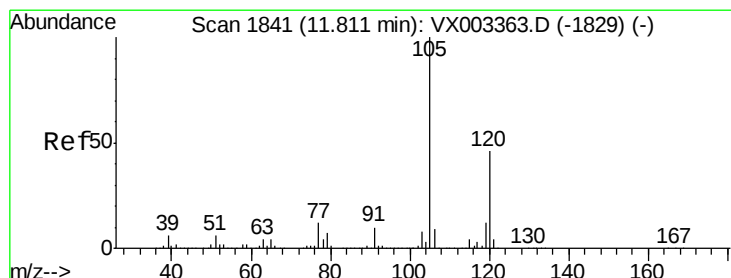
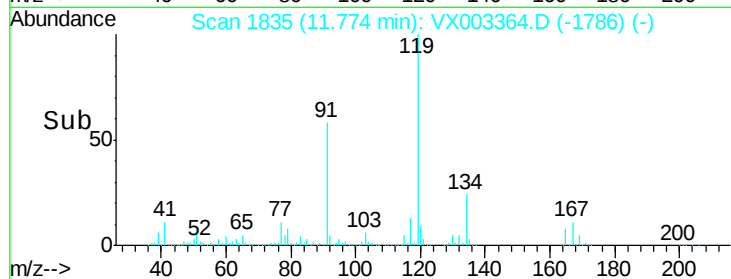
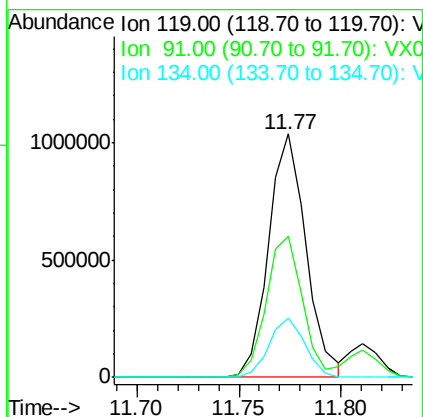
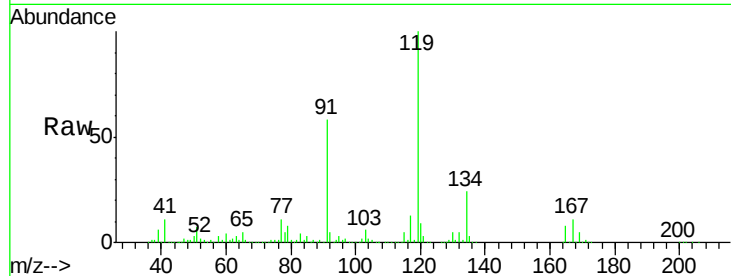




#83
 tert-Butylbenzene
 Concen: 96.231 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

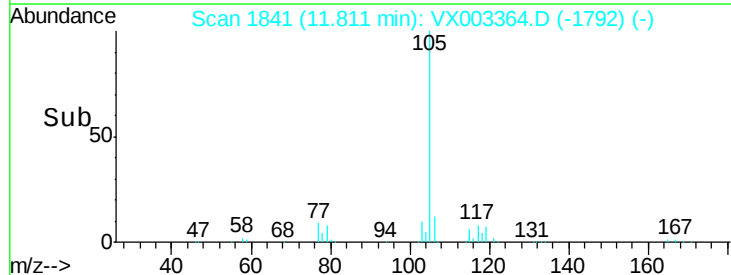
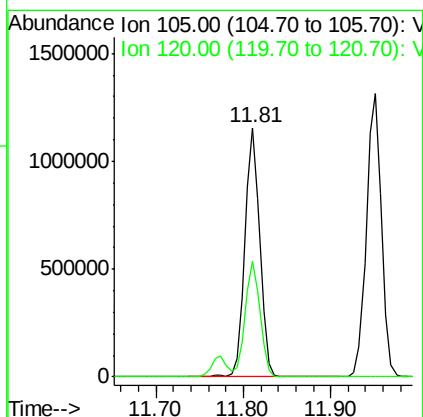
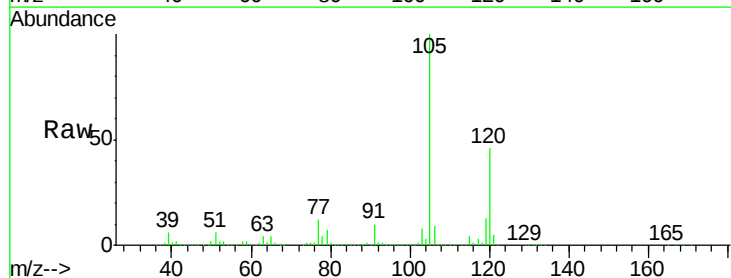
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

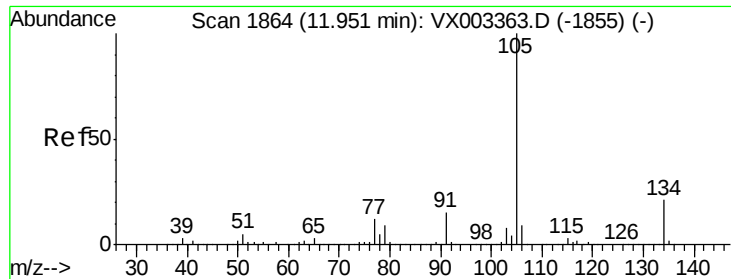
Tgt Ion:119 Resp: 1328473
 Ion Ratio Lower Upper
 119 100
 91 55.7 30.3 90.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.914 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion:105 Resp: 1370807
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8

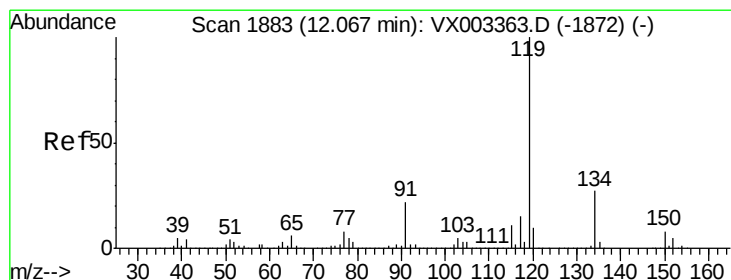
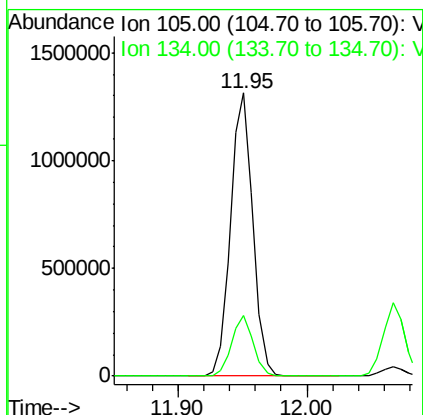
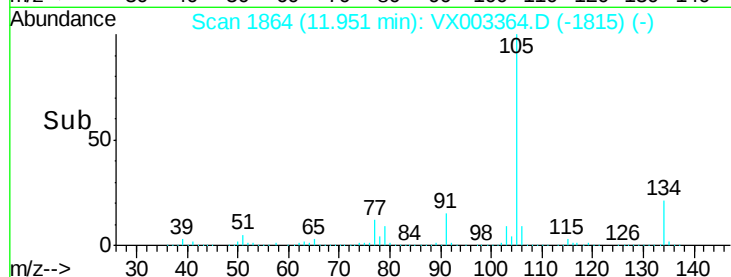
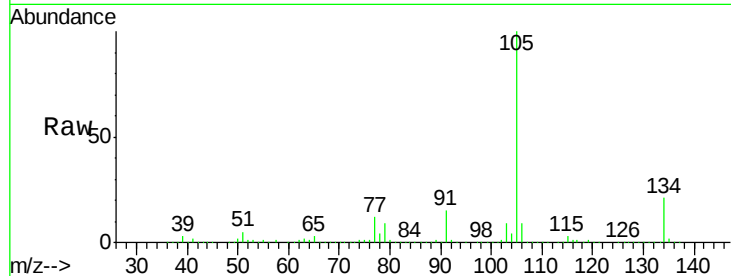




#85
 sec-Butylbenzene
 Concen: 96.174 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

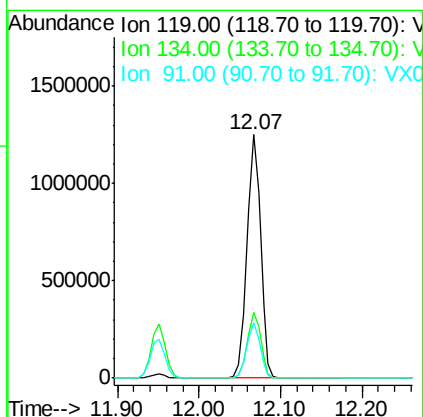
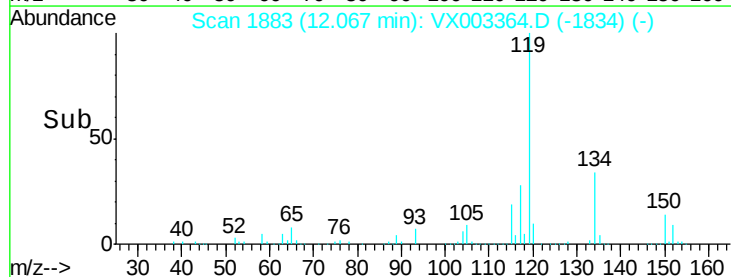
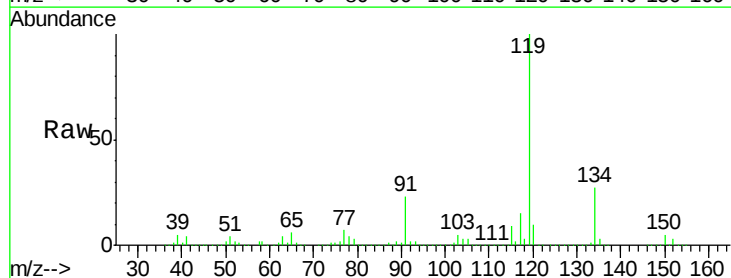
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

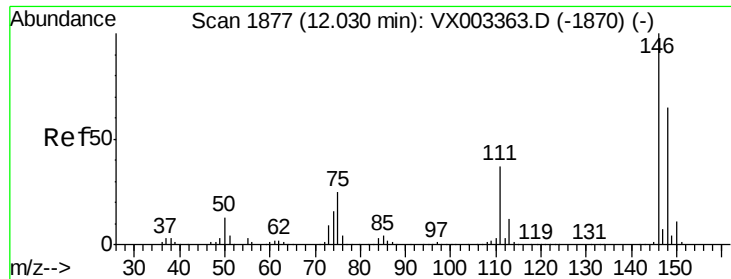
Tgt Ion:105 Resp: 1586851
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 97.433 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion:119 Resp: 1438242
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.4 11.9 35.7

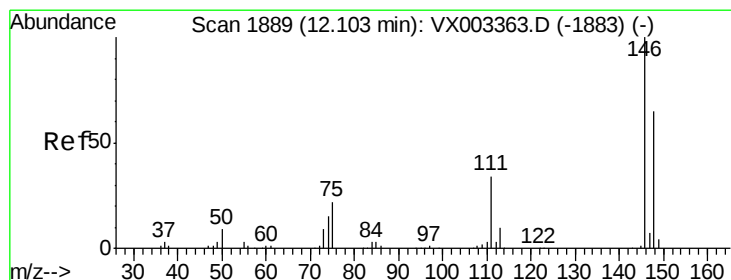
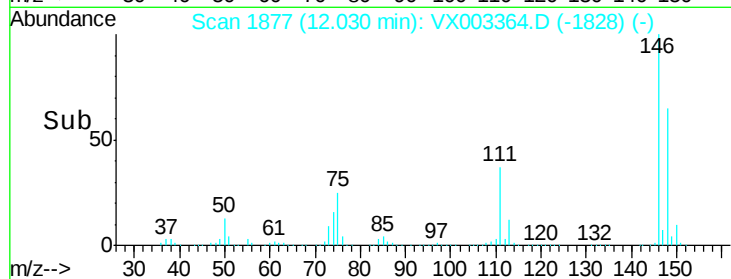
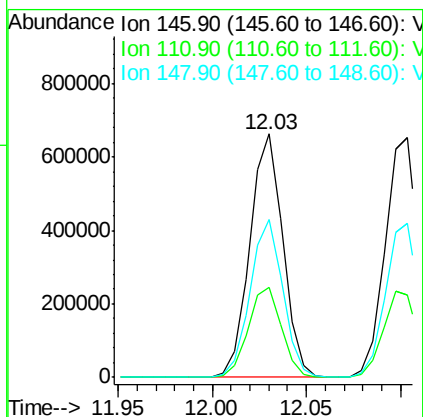
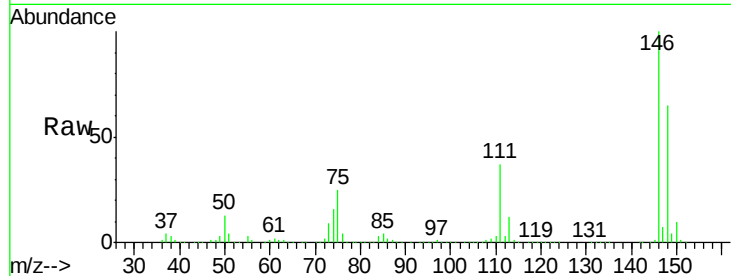




#87
 1,3-Dichlorobenzene
 Concen: 90.702 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

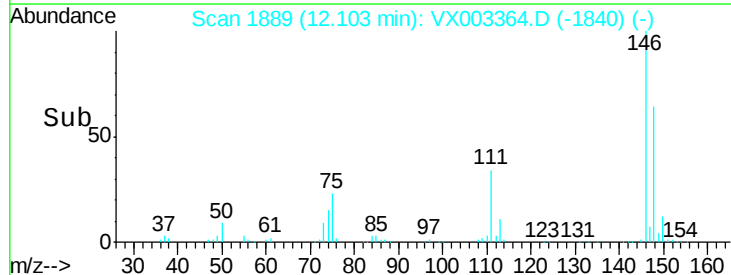
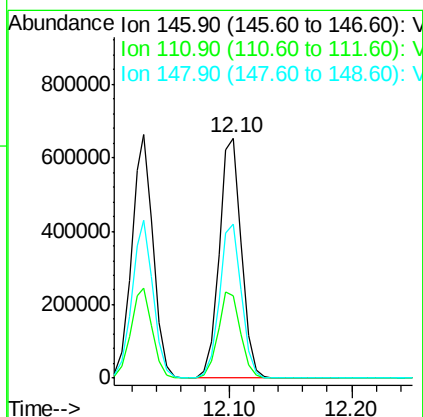
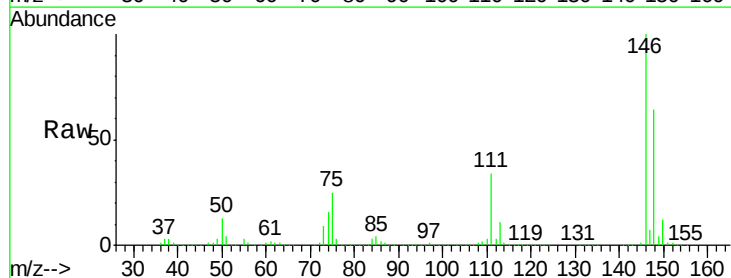
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

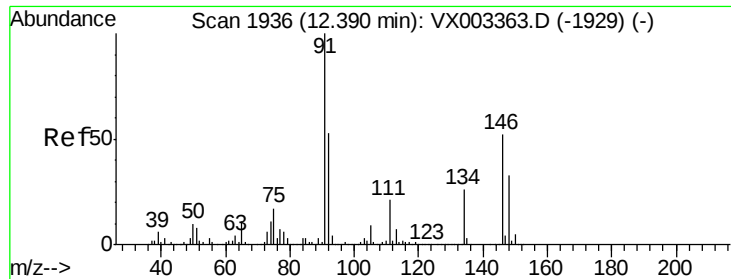
Tgt Ion:146 Resp: 805098
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 91.033 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion:146 Resp: 820426
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 100.094 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

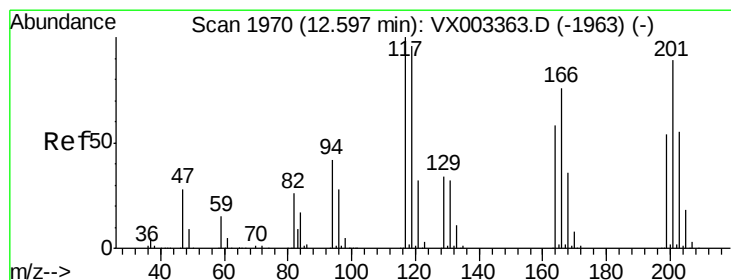
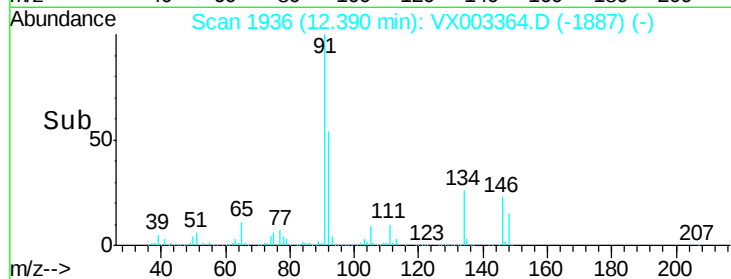
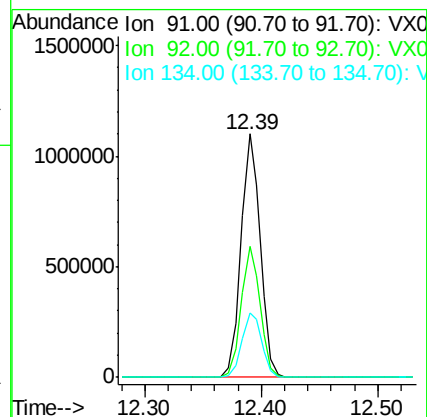
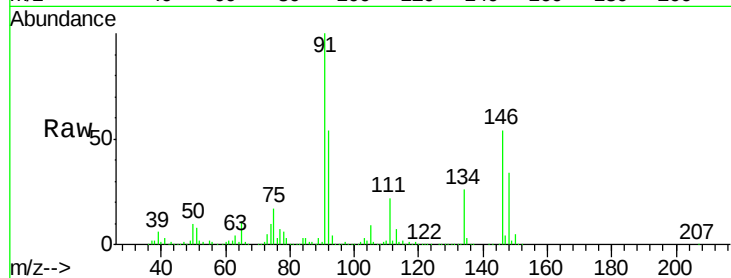
Tgt Ion: 91 Resp: 1264321

Ion Ratio Lower Upper

91 100

92 53.0 26.0 78.0

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 102.629 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003364.D

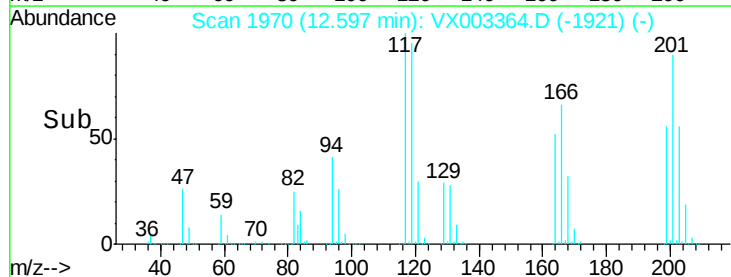
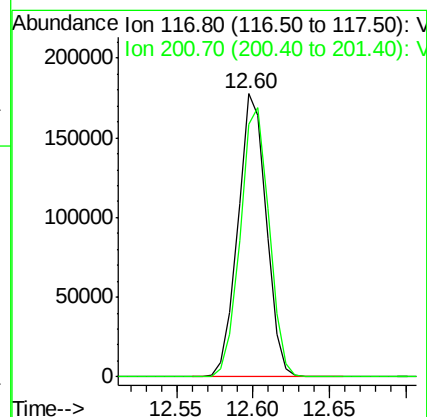
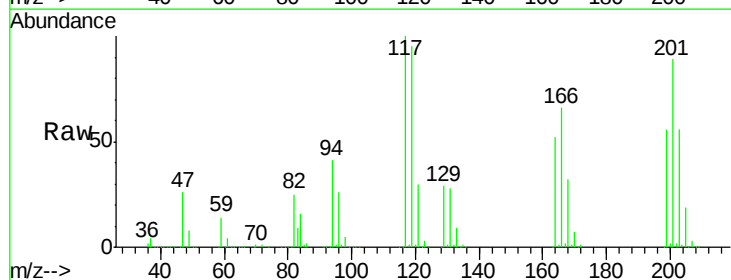
Acq: 13 Jul 2018 13:18

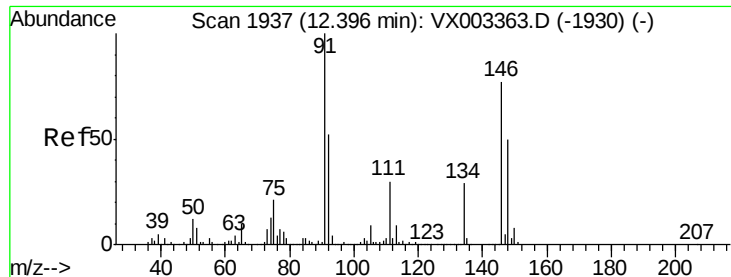
Tgt Ion: 117 Resp: 227087

Ion Ratio Lower Upper

117 100

201 96.7 49.0 147.0

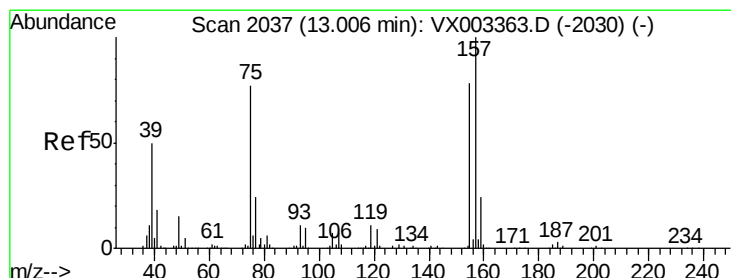
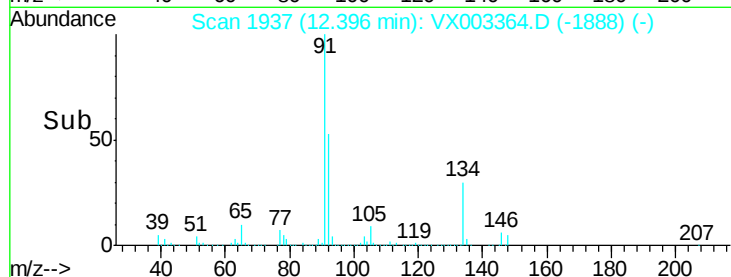
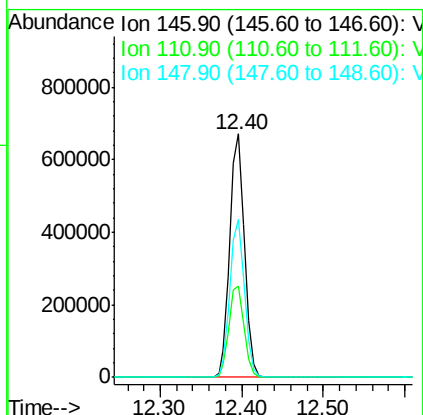
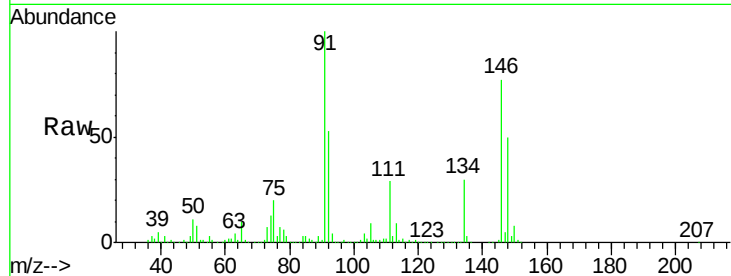




#91
1,2-Dichlorobenzene
Concen: 92.620 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

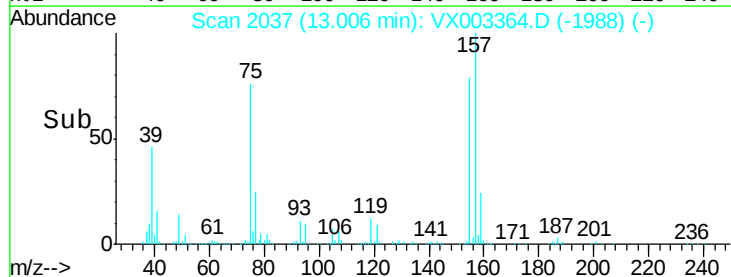
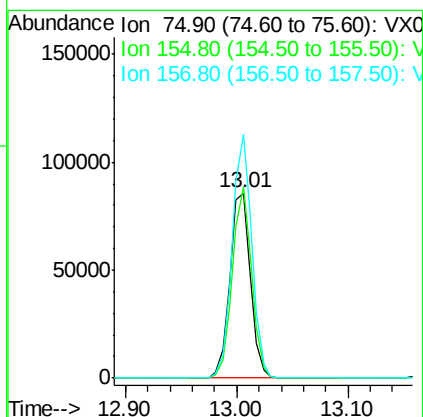
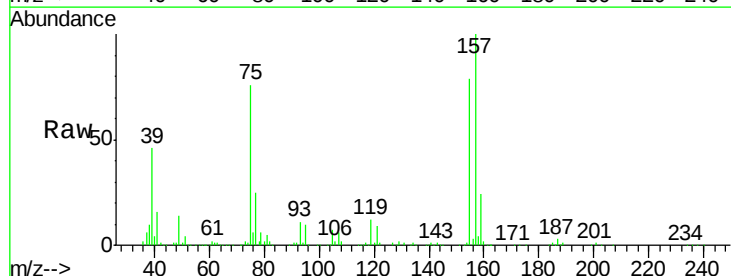
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

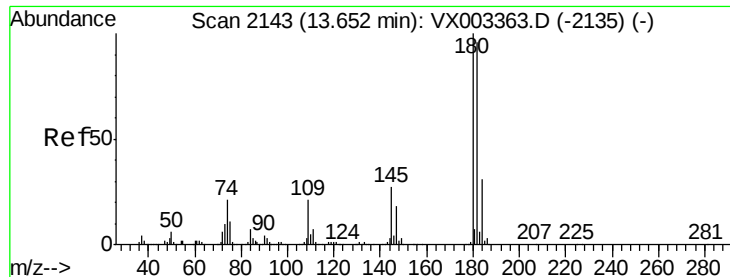
Tgt Ion:146 Resp: 822742
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.1
148 64.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.071 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX003364.D
Acq: 13 Jul 2018 13:18

Tgt Ion: 75 Resp: 108994
Ion Ratio Lower Upper
75 100
155 97.3 45.8 137.4
157 124.9 60.1 180.3

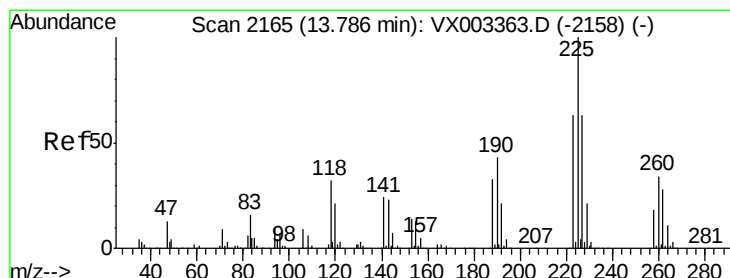
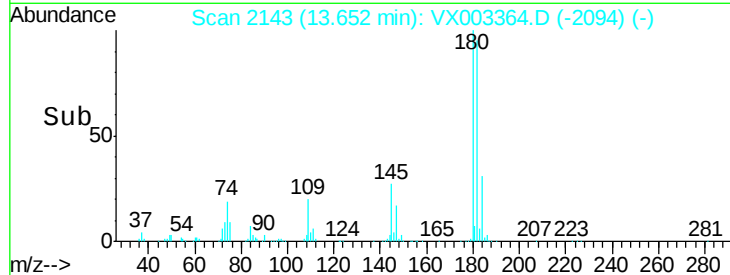
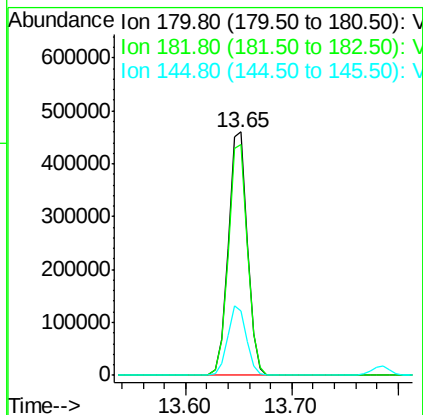
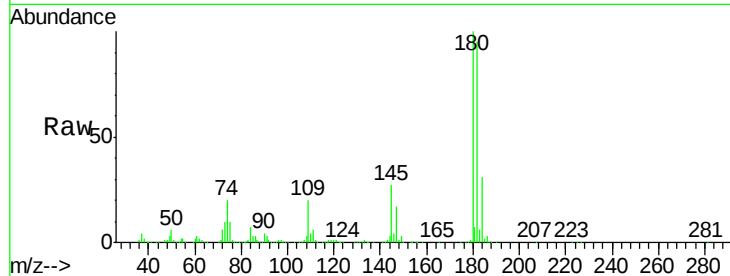




#93
 1,2,4-Trichlorobenzene
 Concen: 94.992 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

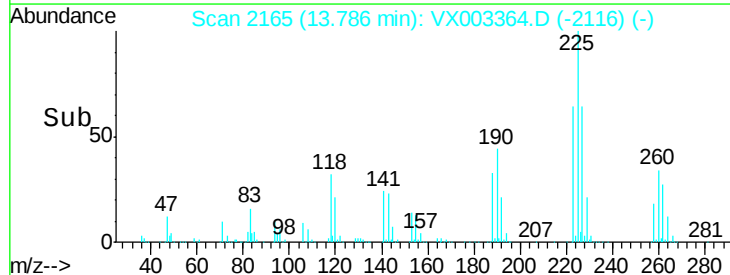
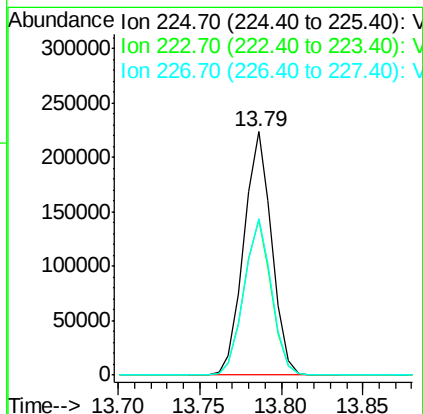
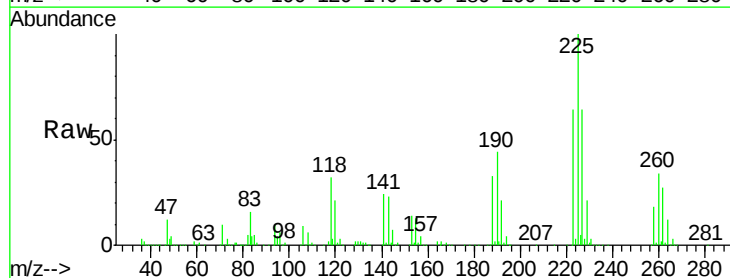
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

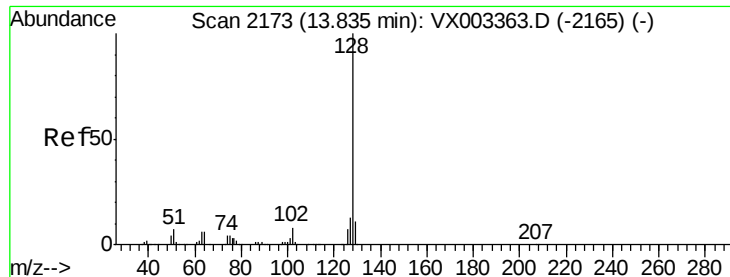
Tgt Ion:180 Resp: 577267
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 92.692 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003364.D
 Acq: 13 Jul 2018 13:18

Tgt Ion:225 Resp: 265794
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 63.6 32.4 97.2





#95

Naphthalene

Concen: 99.678 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

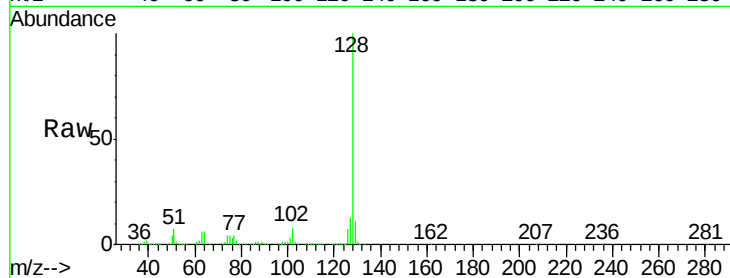
Tgt Ion:128 Resp: 1697781

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

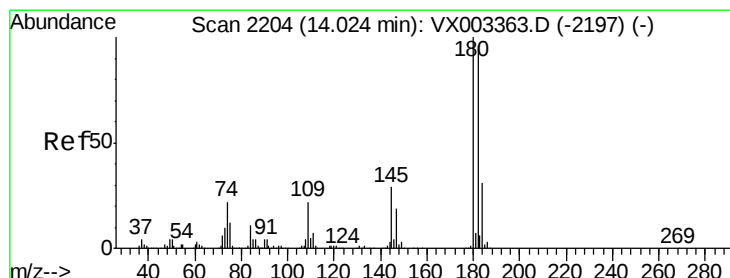
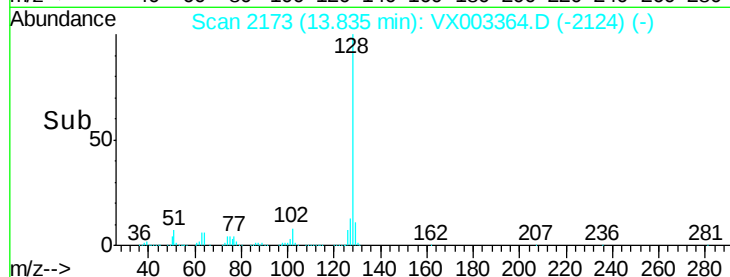
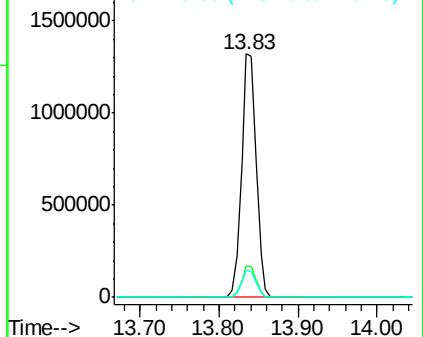
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 94.240 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003364.D

Acq: 13 Jul 2018 13:18

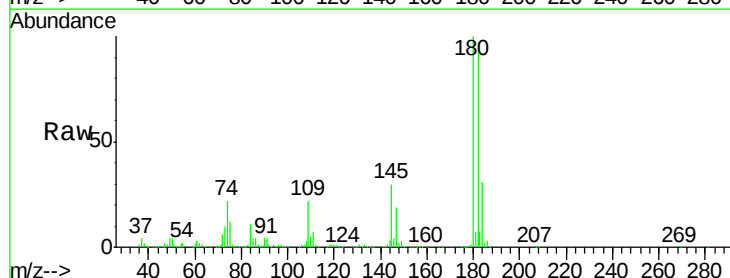
Tgt Ion:180 Resp: 577991

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

