

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006792.D
 Acq On : 24 Dec 2018 13:58
 Operator : JC/MD
 Sample : VX1224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Quant Time: Dec 25 01:20:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	785877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	305780	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	272651	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	1012191	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	374136	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92829	18.023	ug/l	99
3) Chloromethane	1.33	50	106005	19.103	ug/l	97
4) Vinyl Chloride	1.41	62	111864	19.302	ug/l	98
5) Bromomethane	1.64	94	110858	19.322	ug/l	97
6) Chloroethane	1.72	64	75240	18.750	ug/l	99
7) Trichlorofluoromethane	1.93	101	174703	19.335	ug/l	97
8) Diethyl Ether	2.19	74	68990	19.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104207	19.642	ug/l	99
10) Methyl Iodide	2.51	142	147426	19.413	ug/l	98
11) Tert butyl alcohol	3.07	59	153522	113.367	ug/l	98
12) 1,1-Dichloroethene	2.38	96	95727	19.030	ug/l	96
13) Acrolein	2.29	56	88411	96.777	ug/l	96
14) Allyl chloride	2.73	41	165351	19.528	ug/l	98
15) Acrylonitrile	3.15	53	322371	107.216	ug/l	100
16) Acetone	2.45	43	281234	100.880	ug/l	99
17) Carbon Disulfide	2.57	76	200842	15.087	ug/l	99
18) Methyl Acetate	2.78	43	185409	22.618	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350208	20.976	ug/l	99
20) Methylene Chloride	2.85	84	116855	20.271	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104056	18.669	ug/l	98
22) Diisopropyl ether	3.87	45	328069	21.179	ug/l	94
23) Vinyl Acetate	3.82	43	1272576	100.434	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178334	19.285	ug/l	99
25) 2-Butanone	4.70	43	413994	105.573	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120539	16.875	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123765	20.126	ug/l	98
28) Bromochloromethane	5.02	49	85168	20.765	ug/l	96
29) Tetrahydrofuran	5.15	42	275178	106.544	ug/l	98
30) Chloroform	5.21	83	189908	19.832	ug/l	95
31) Cyclohexane	5.57	56	160050	19.052	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155015	19.171	ug/l	99
36) 1,1-Dichloropropene	5.80	75	140469	19.718	ug/l	99
37) Ethyl Acetate	4.85	43	156071	21.049	ug/l	98
38) Carbon Tetrachloride	5.79	117	128007	18.489	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1224WBSD01

Quant Time: Dec 25 01:20:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.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	172652	18.409	ug/l	97
40) Benzene	6.14	78	433535	20.021	ug/l	99
41) Methacrylonitrile	5.06	41	86280	21.918	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148470	20.121	ug/l	99
43) Isopropyl Acetate	6.46	43	233264	20.676	ug/l	98
44) Trichloroethene	7.21	130	125488	19.147	ug/l	98
45) 1,2-Dichloropropane	7.52	63	106646	20.238	ug/l	95
46) Dibromomethane	7.66	93	75225	19.408	ug/l	98
47) Bromodichloromethane	7.90	83	122389	19.019	ug/l	93
48) Methyl methacrylate	7.77	41	124577	21.714	ug/l	97
49) 1,4-Dioxane	7.75	88	64454	417.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	805660	112.238	ug/l	99
52) Toluene	8.79	92	284017	20.302	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124347	18.017	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146280	19.317	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	118171	20.637	ug/l	99
56) Ethyl methacrylate	9.18	69	171809	21.229	ug/l	98
57) 1,3-Dichloropropane	9.37	76	190743	20.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	441224	102.561	ug/l	99
59) 2-Hexanone	9.49	43	599577	109.170	ug/l	100
60) Dibromochloromethane	9.59	129	100483	18.323	ug/l	97
61) 1,2-Dibromoethane	9.67	107	125713	20.653	ug/l	100
64) Tetrachloroethene	9.34	164	120728	19.400	ug/l	97
65) Chlorobenzene	10.14	112	331859	19.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	106096	20.453	ug/l	99
67) Ethyl Benzene	10.25	91	543988	20.023	ug/l	98
68) m/p-Xylenes	10.36	106	428743	39.993	ug/l	100
69) o-Xylene	10.70	106	211989	20.025	ug/l	98
70) Styrene	10.71	104	339182	20.252	ug/l	99
71) Bromoform	10.85	173	70652	18.213	ug/l #	98
73) Isopropylbenzene	11.02	105	565463	20.411	ug/l	100
74) N-amyl acetate	10.90	43	217729	21.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181077	21.977	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	186416	24.770	ug/l	90
77) Bromobenzene	11.26	156	151743	20.260	ug/l	98
78) n-propylbenzene	11.36	91	625451	20.501	ug/l	99
79) 2-Chlorotoluene	11.42	91	373773	20.217	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	462332	20.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35203	17.262	ug/l #	82
82) 4-Chlorotoluene	11.51	91	424474	20.016	ug/l	99
83) tert-Butylbenzene	11.77	119	463955	20.315	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	472822	19.699	ug/l	100
85) sec-Butylbenzene	11.94	105	567383	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	497950	20.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272867	20.214	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274253	19.819	ug/l	99
89) n-Butylbenzene	12.39	91	419023	20.003	ug/l	99
90) Hexachloroethane	12.60	117	63171	18.612	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	272995	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32920	19.310	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1224WBSD01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

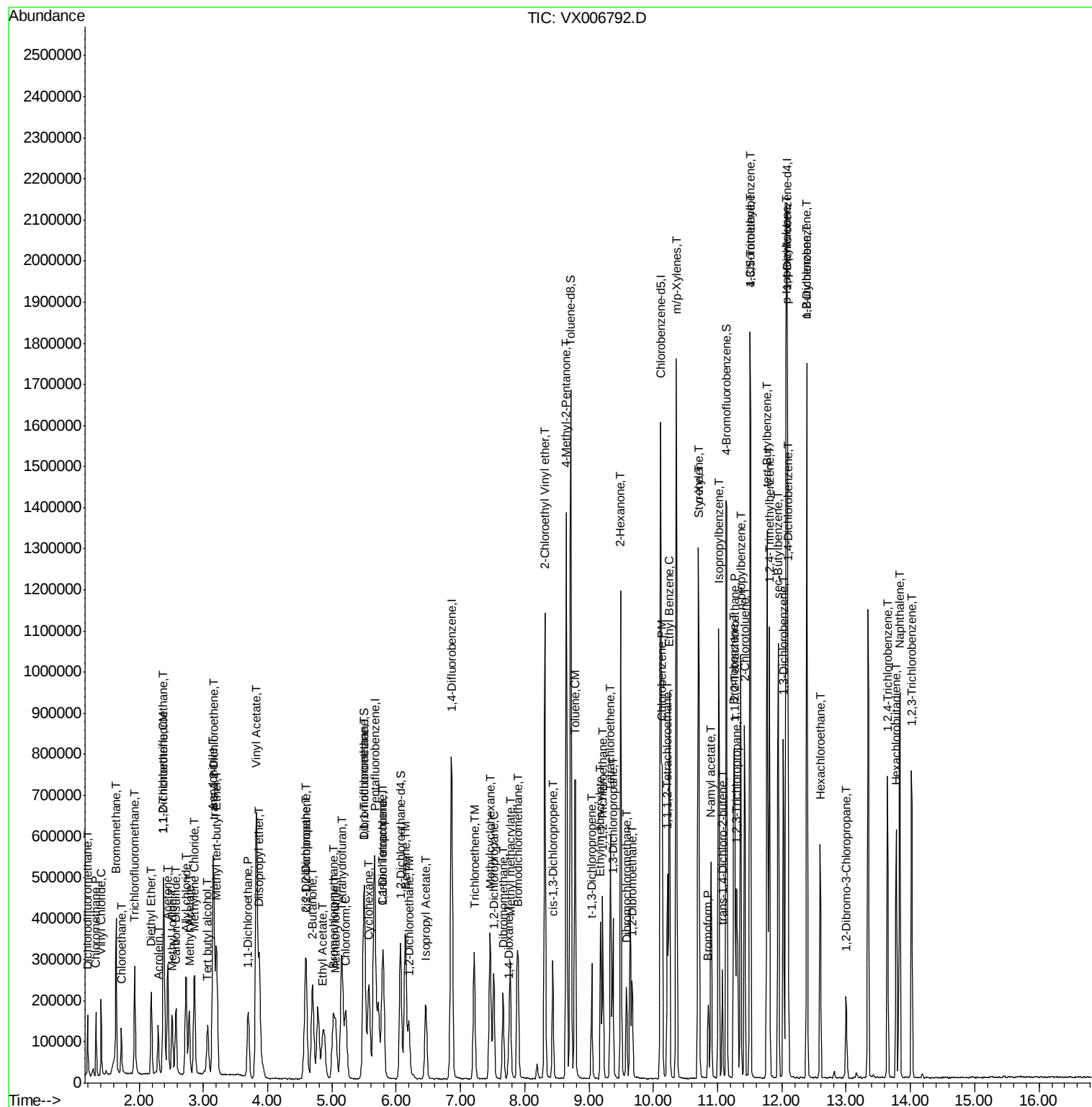
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188647	20.253	ug/l	99
94) Hexachlorobutadiene	13.78	225	86474	19.696	ug/l	99
95) Naphthalene	13.83	128	598241	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	191734	19.936	ug/l	98

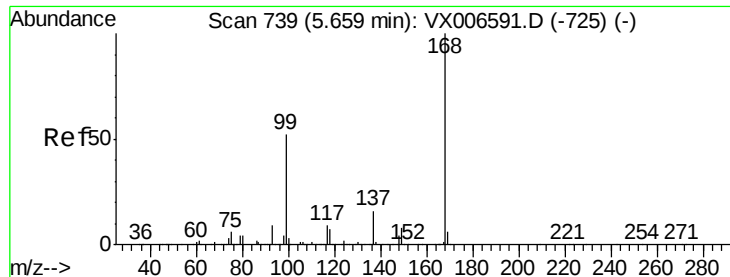
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006792.D
Acq On : 24 Dec 2018 13:58
Operator : JC/MD
Sample : VX1224WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX1224WBSD01

Quant Time: Dec 25 01:20:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

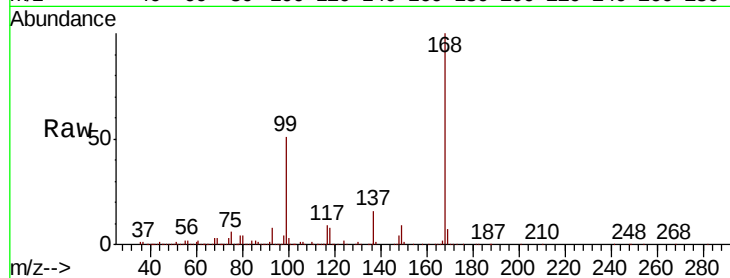
VX1224WBSD01

Tot Ion:168 Resp: 563018

Ion Ratio Lower Upper

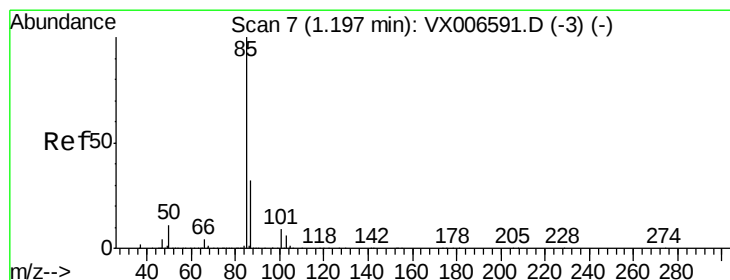
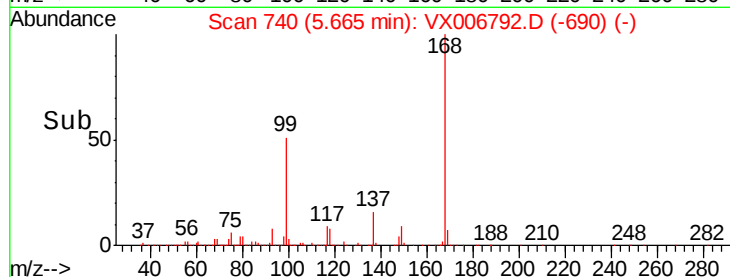
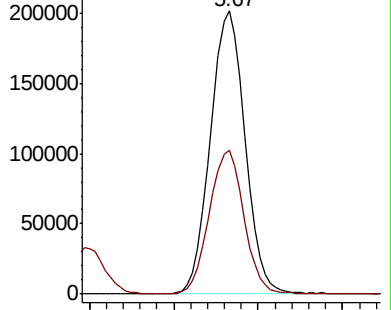
168 100

99 50.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.023 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006792.D

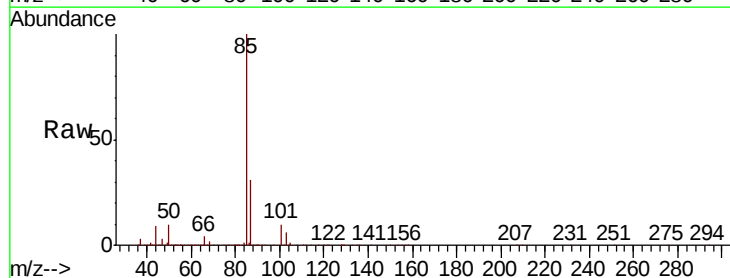
Acq: 24 Dec 2018 13:58

Tgt Ion: 85 Resp: 92829

Ion Ratio Lower Upper

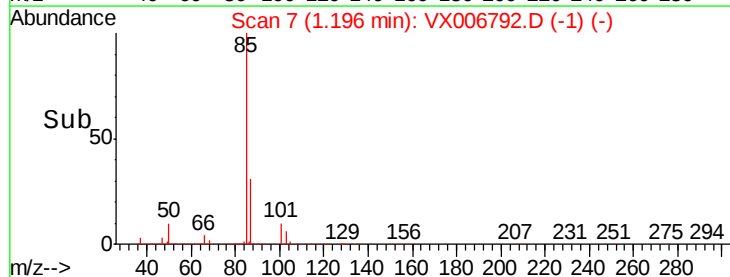
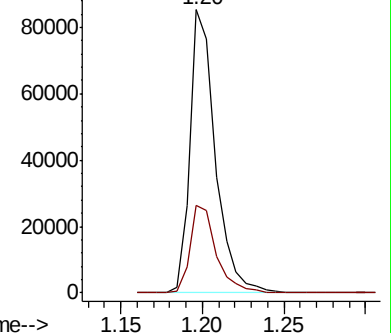
85 100

87 31.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

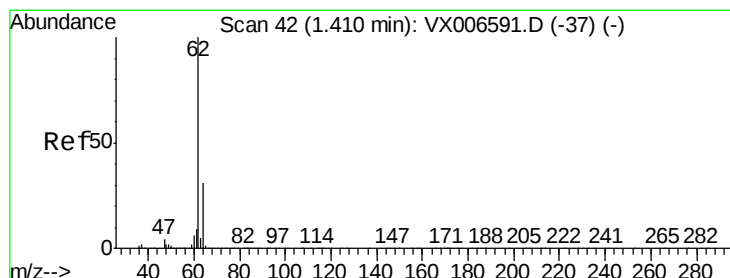
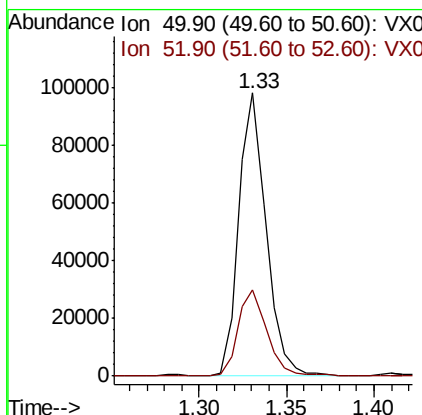
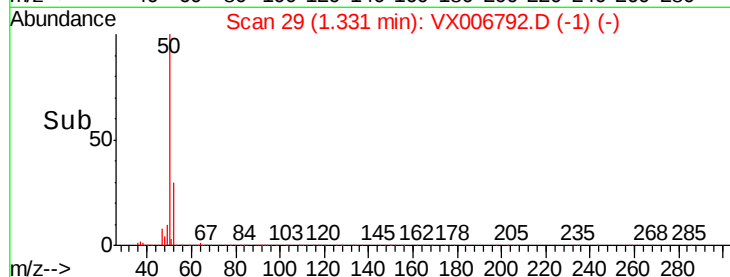
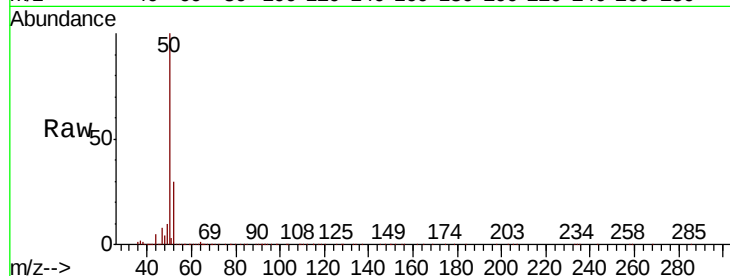




#3
Chloromethane
Concen: 19.103 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

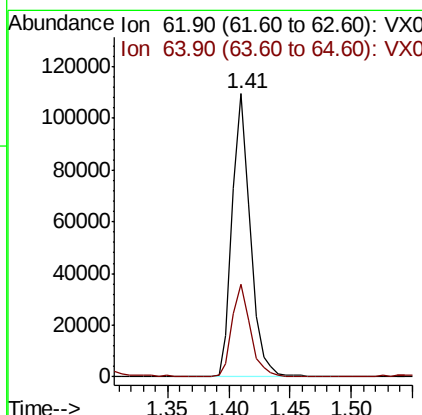
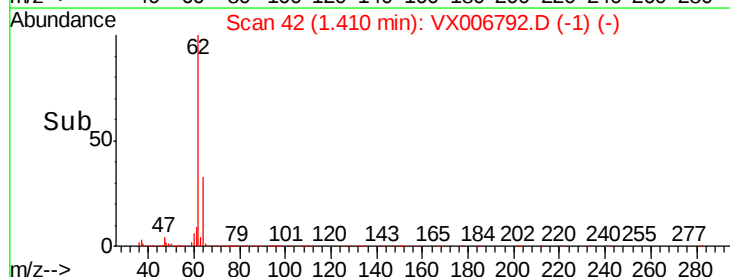
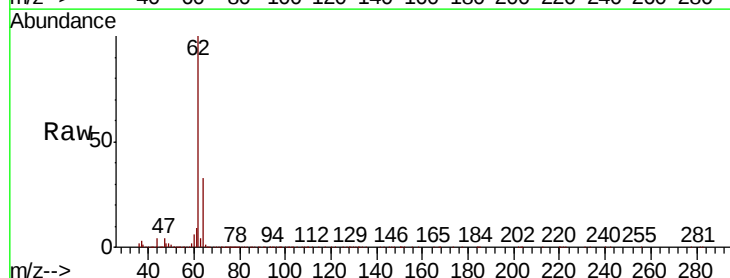
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

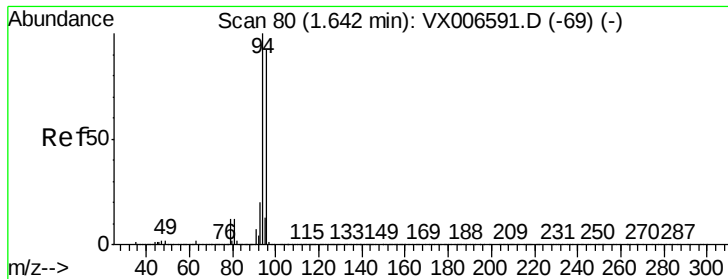
Tot Ion: 50 Resp: 106005
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2



#4
Vinyl Chloride
Concen: 19.302 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 62 Resp: 111864
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5

Bromomethane

Concen: 19.322 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

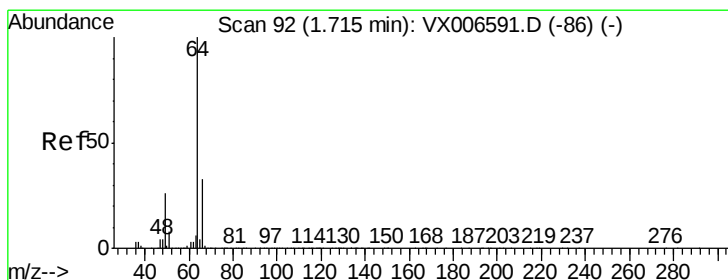
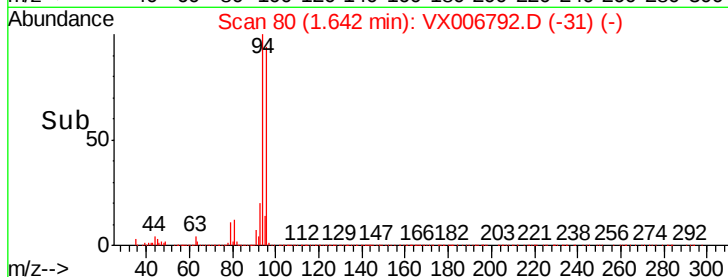
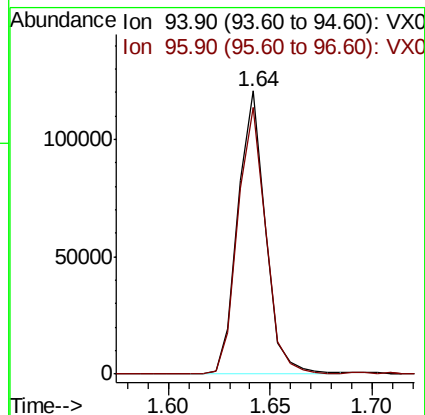
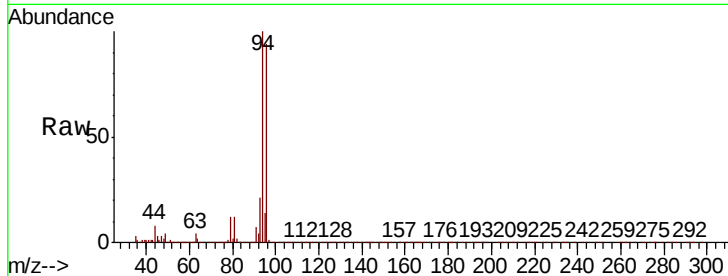
VX1224WBSD01

Tot Ion: 94 Resp: 110858

Ion Ratio Lower Upper

94 100

96 94.4 73.4 110.2



#6

Chloroethane

Concen: 18.750 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006792.D

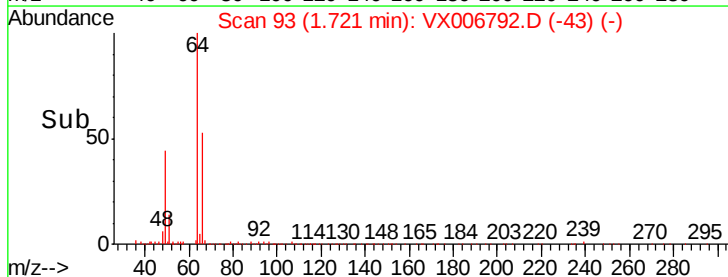
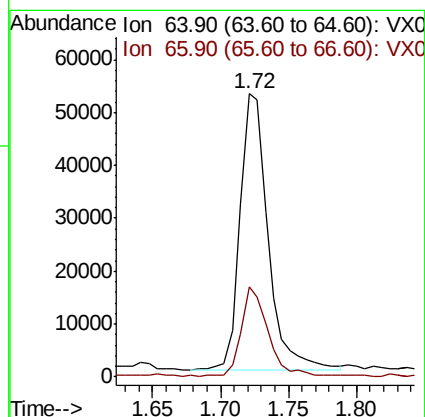
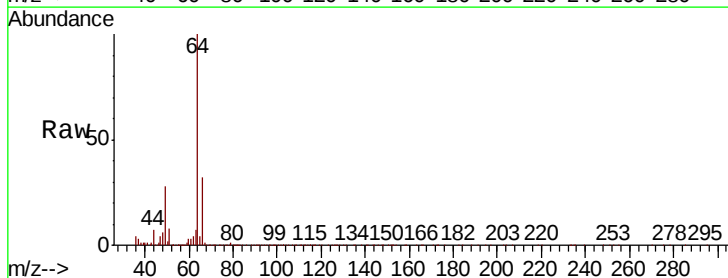
Acq: 24 Dec 2018 13:58

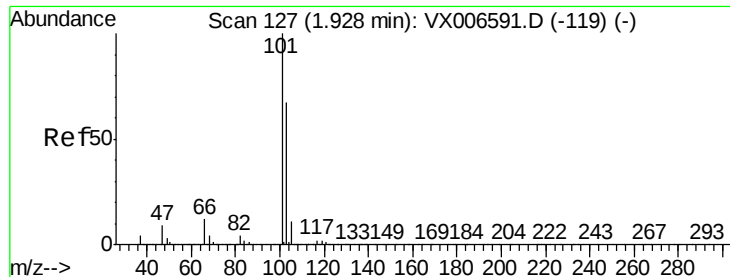
Tgt Ion: 64 Resp: 75240

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



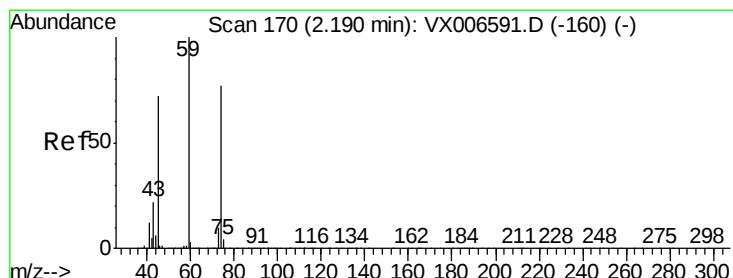
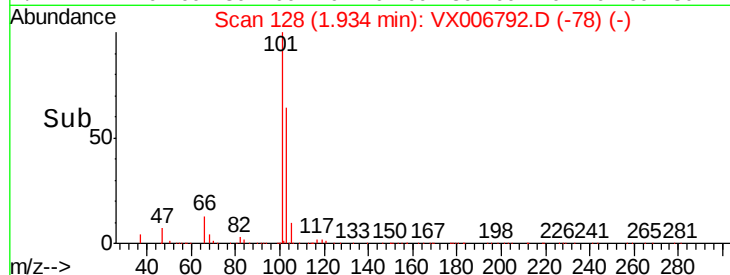
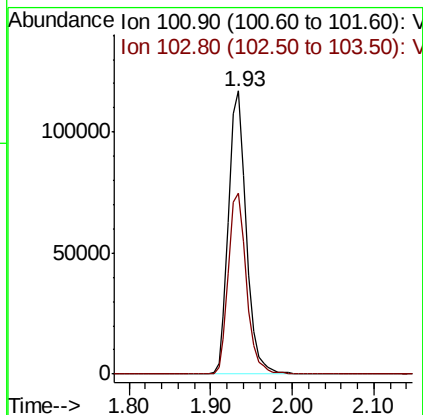
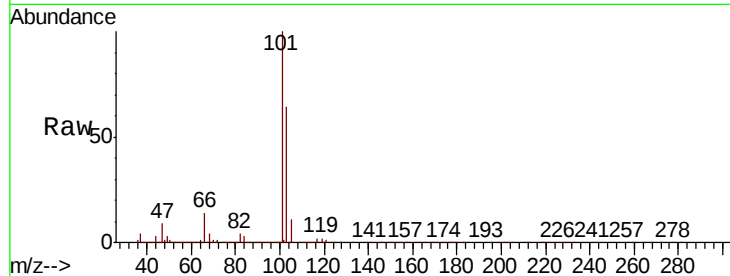


#7

Trichlorofluoromethane
Concen: 19.335 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

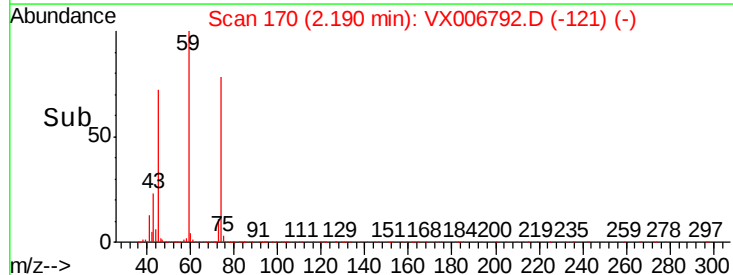
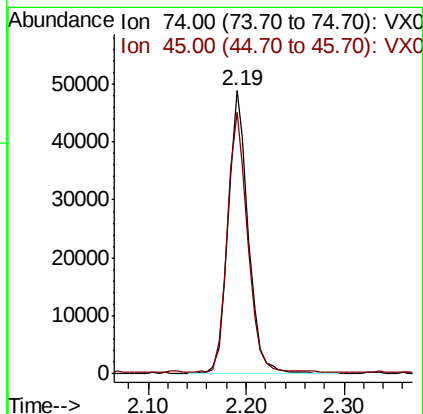
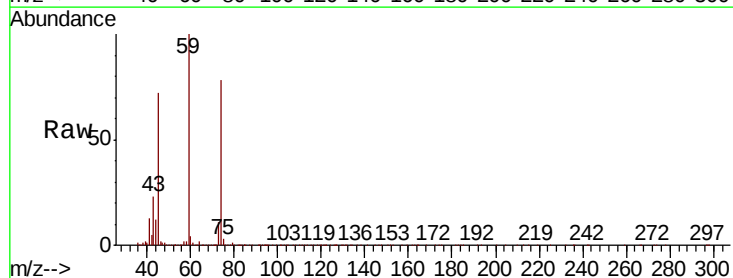
Tot Ion:101 Resp: 174703
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

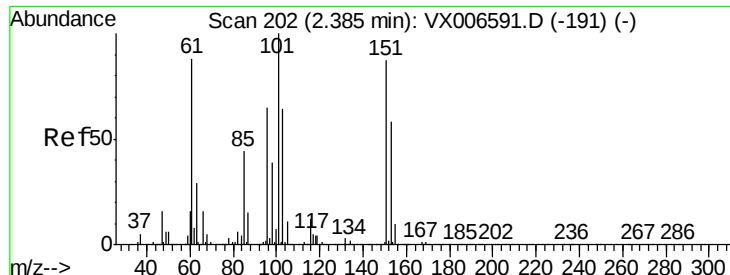


#8

Diethyl Ether
Concen: 19.224 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 74 Resp: 68990
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.642 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

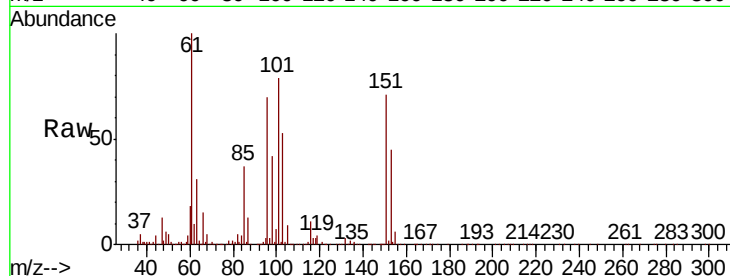
Tot Ion:101 Resp: 104207

Ion Ratio Lower Upper

101 100

85 42.5 35.1 52.7

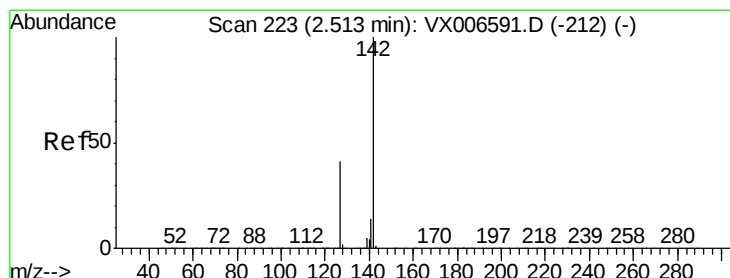
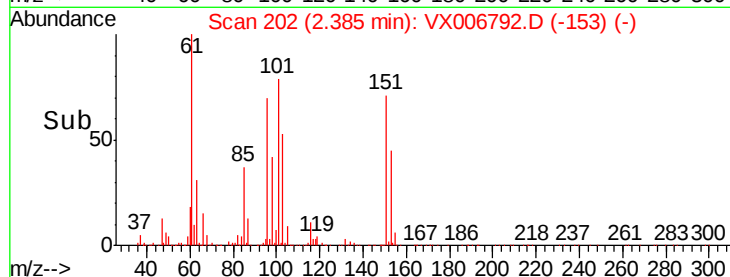
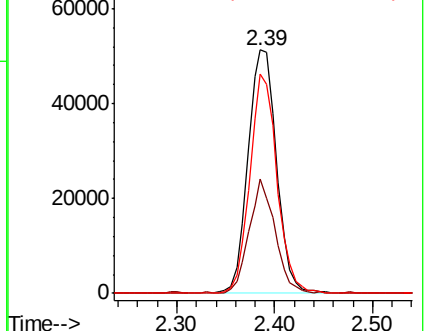
151 86.0 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.413 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

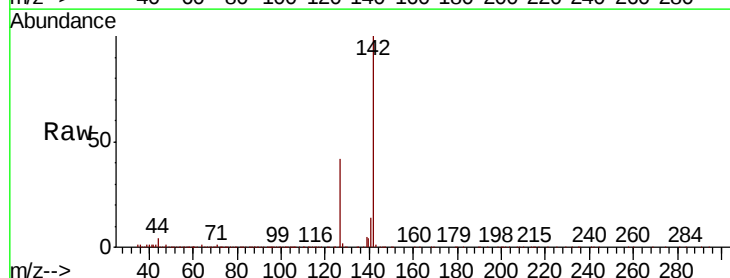
Tgt Ion:142 Resp: 147426

Ion Ratio Lower Upper

142 100

127 43.6 33.9 50.9

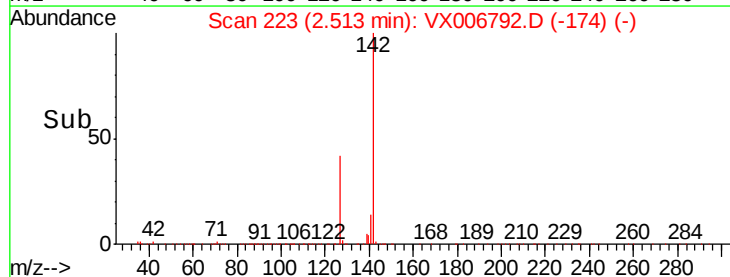
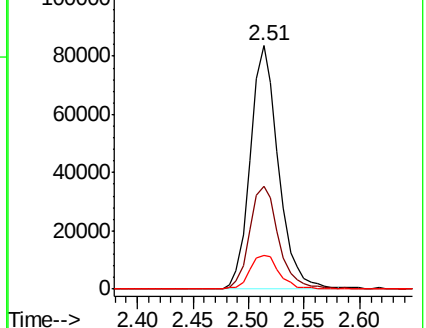
141 14.9 11.4 17.0

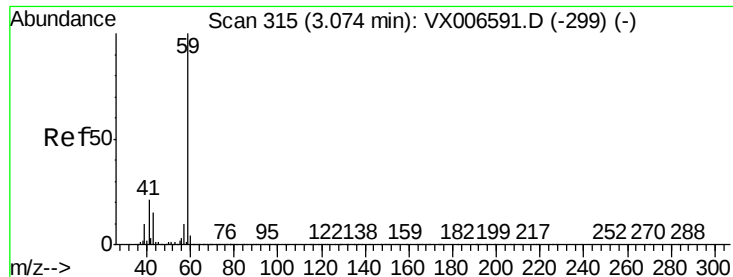


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



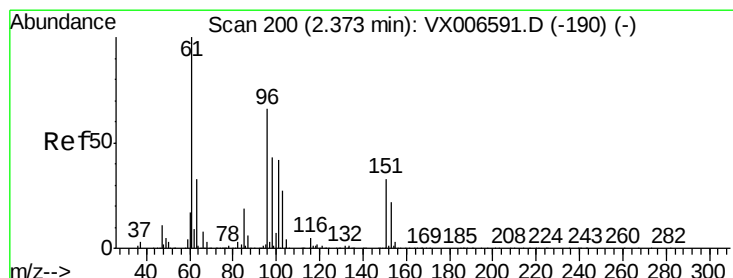
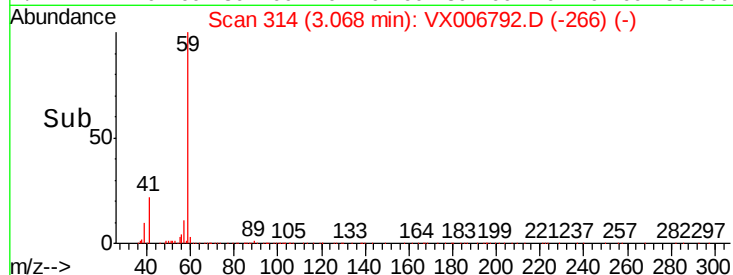
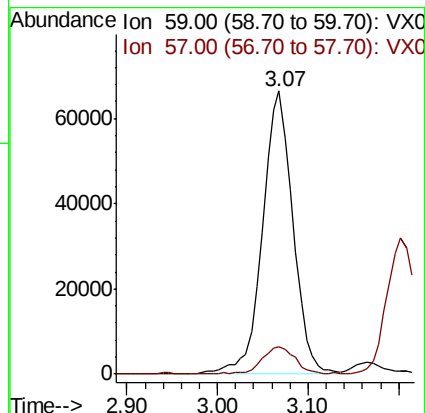
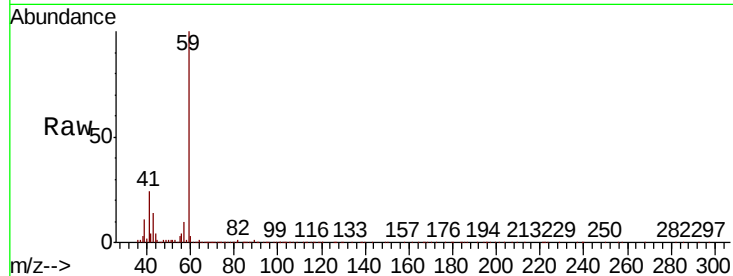


#11

Tert butyl alcohol
Concen: 113.367 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

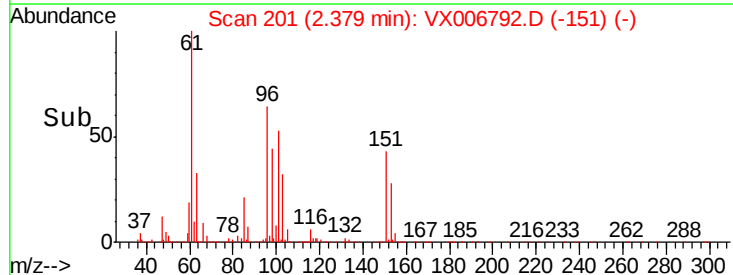
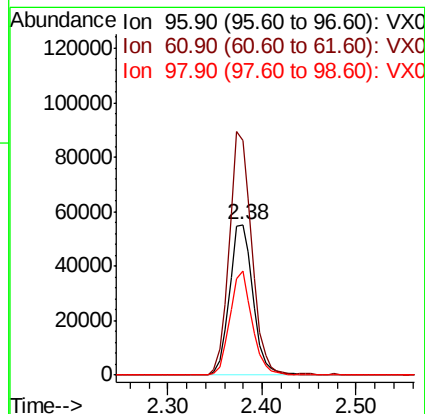
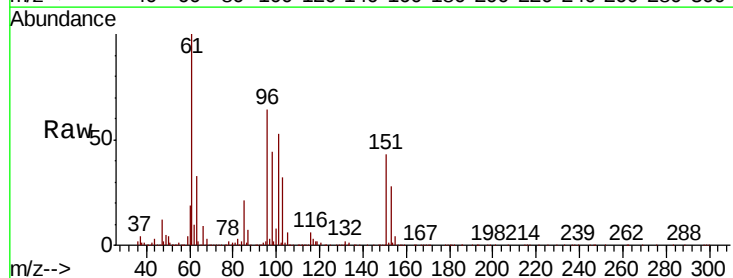
Tot Ion: 59 Resp: 153522
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

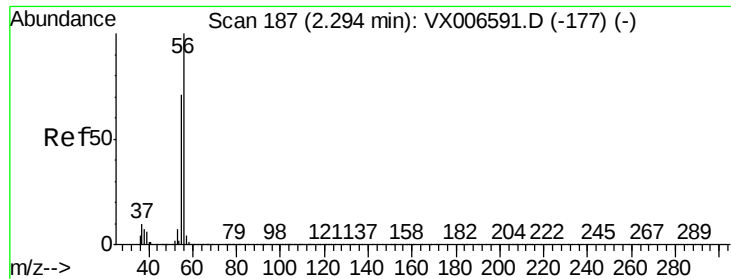


#12

1,1-Dichloroethene
Concen: 19.030 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 96 Resp: 95727
Ion Ratio Lower Upper
96 100
61 156.3 121.4 182.2
98 69.2 51.9 77.9





#13

Acrolein

Concen: 96.777 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

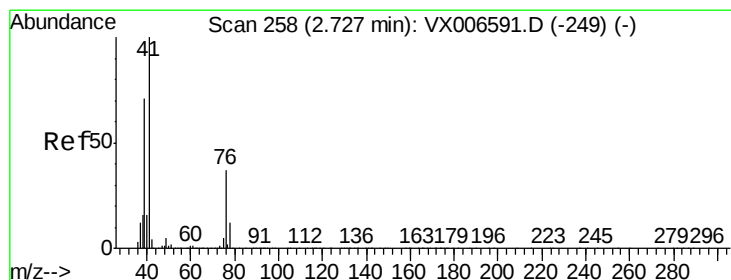
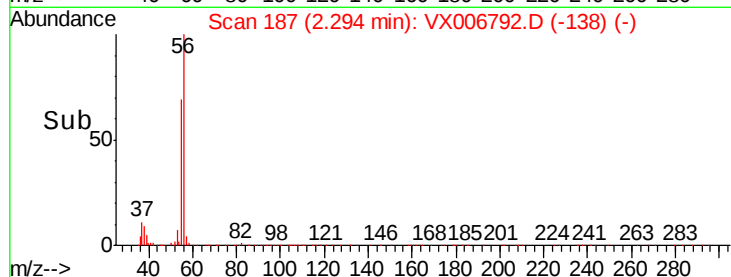
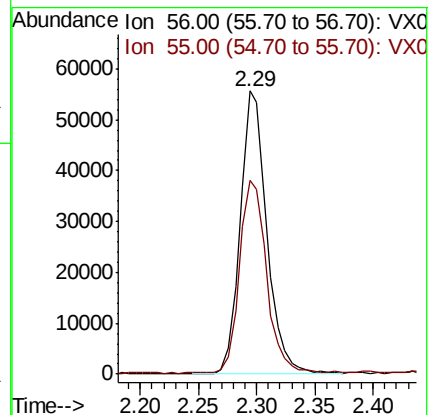
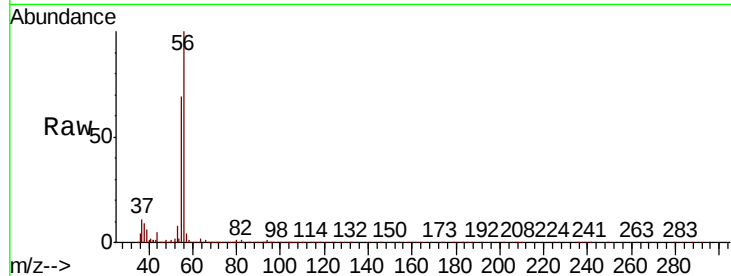
VX1224WBSD01

Tot Ion: 56 Resp: 88411

Ion Ratio Lower Upper

56 100

55 69.2 58.2 87.4



#14

Allyl chloride

Concen: 19.528 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

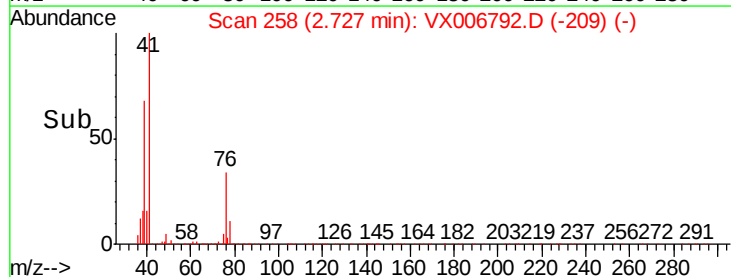
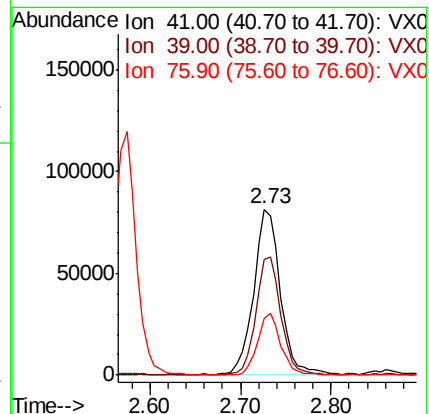
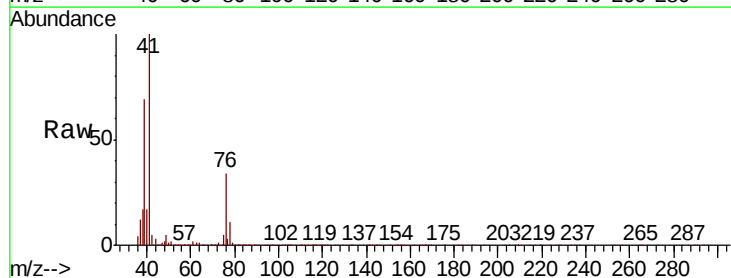
Tgt Ion: 41 Resp: 165351

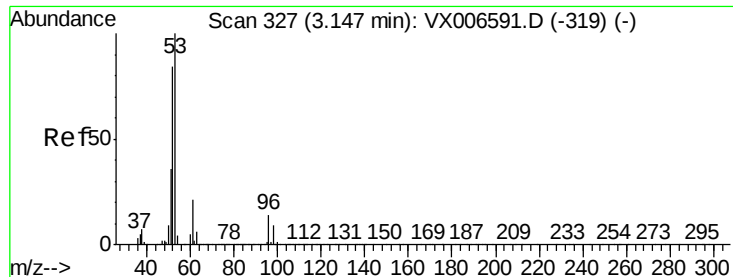
Ion Ratio Lower Upper

41 100

39 65.7 53.6 80.4

76 32.2 27.4 41.2





#15

Acrylonitrile

Concen: 107.216 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

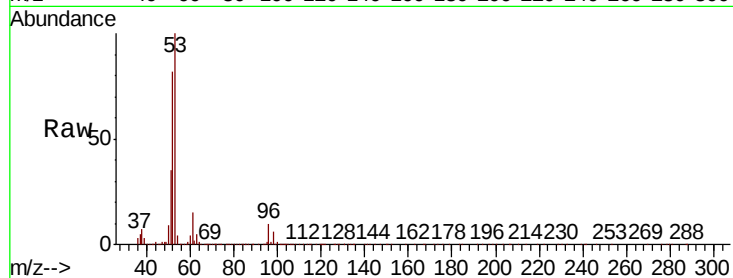
Tot Ion: 53 Resp: 322371

Ion Ratio Lower Upper

53 100

52 82.6 66.0 99.0

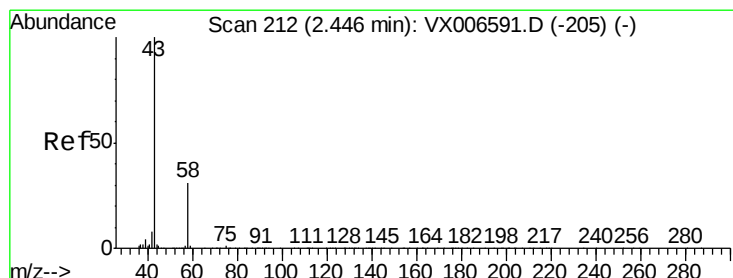
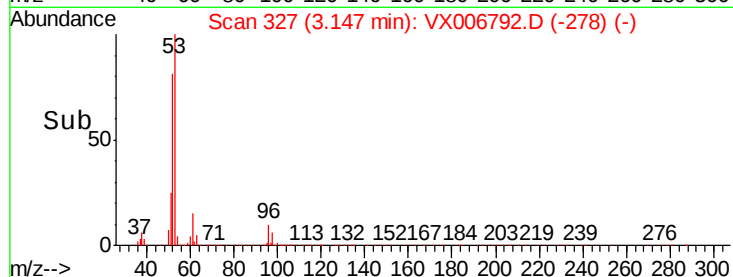
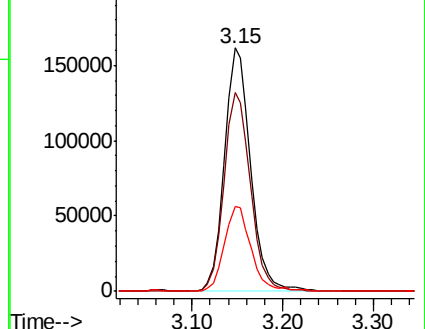
51 35.8 28.6 42.8



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: 100.880 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006792.D

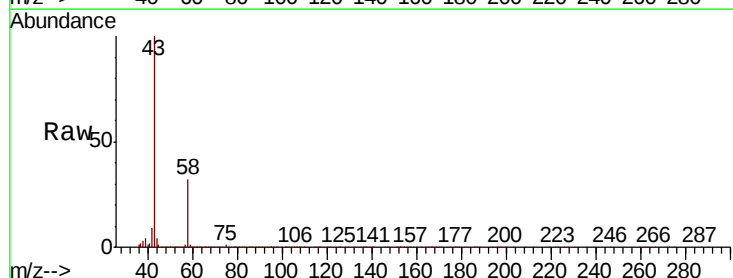
Acq: 24 Dec 2018 13:58

Tgt Ion: 43 Resp: 281234

Ion Ratio Lower Upper

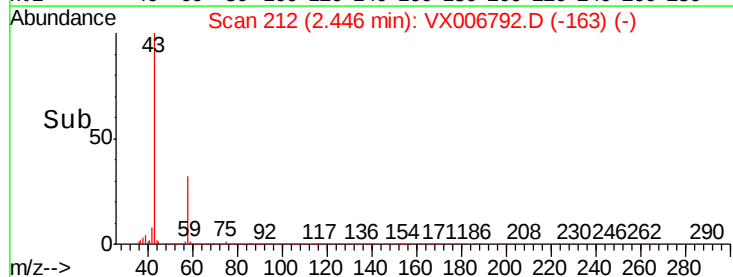
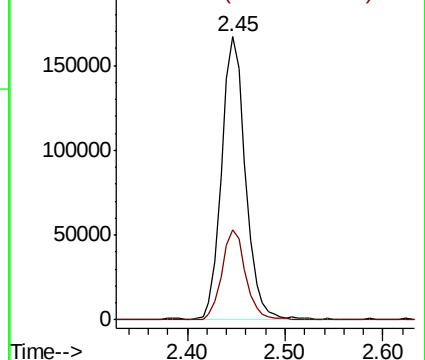
43 100

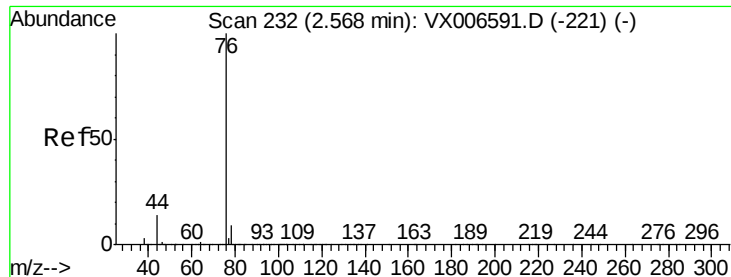
58 31.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

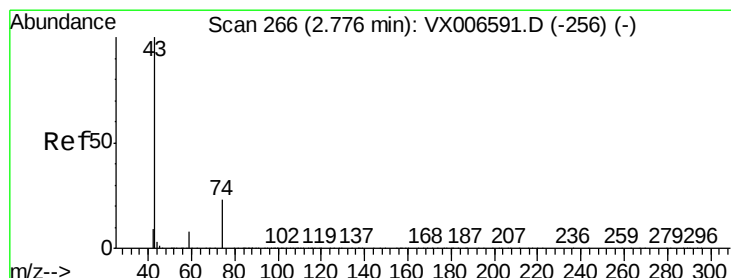
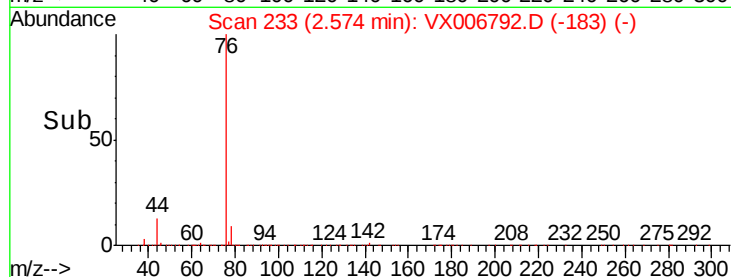
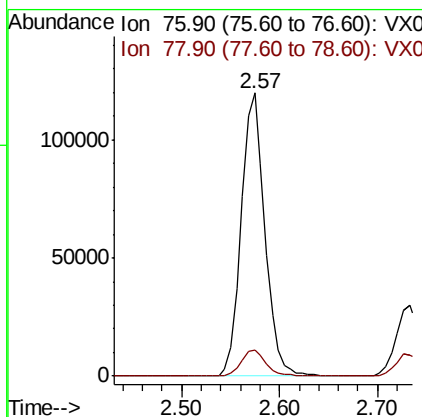
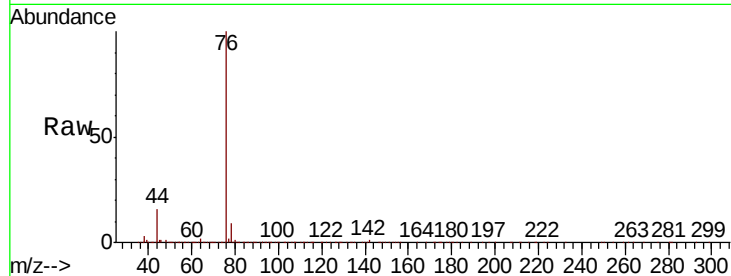




#17
Carbon Disulfide
Concen: 15.087 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

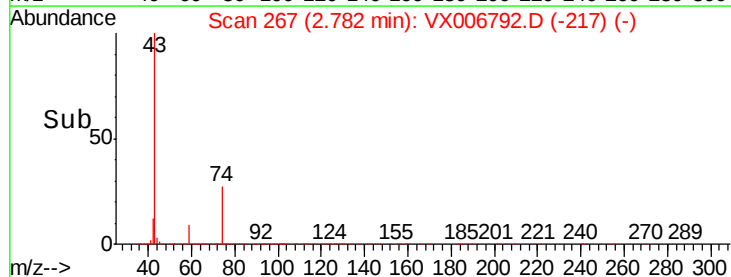
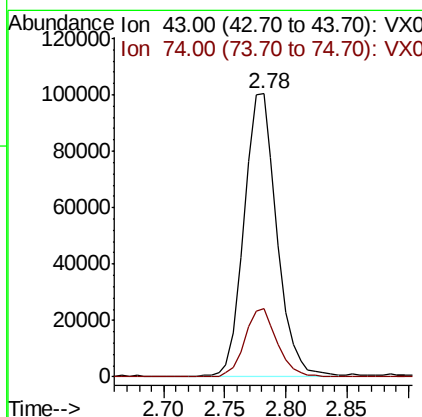
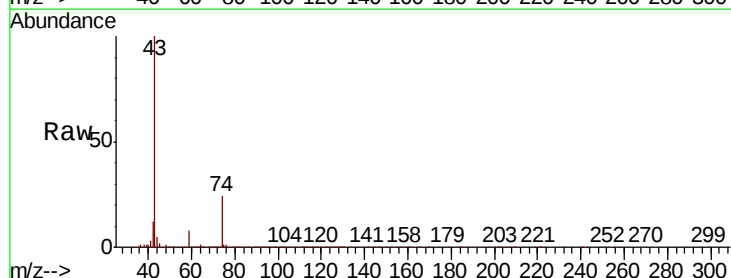
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

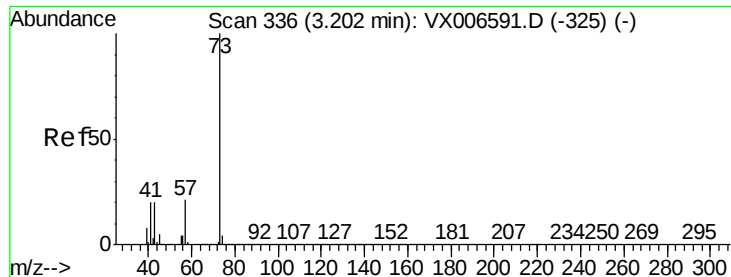
Tot Ion: 76 Resp: 200842
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 22.618 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 43 Resp: 185409
Ion Ratio Lower Upper
43 100
74 23.8 18.6 28.0



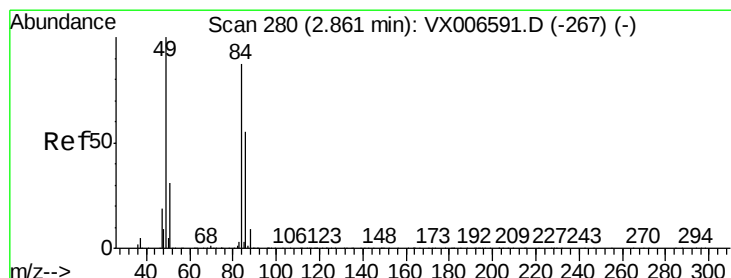
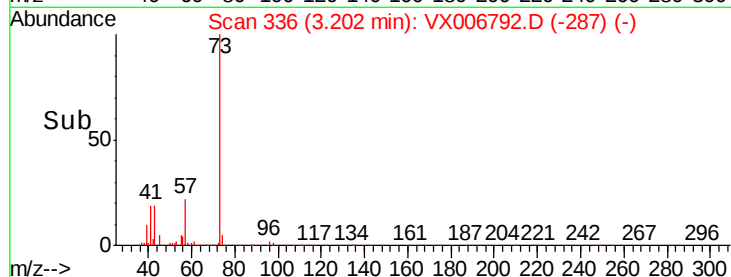
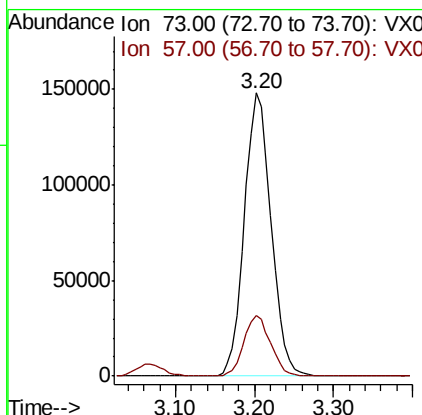
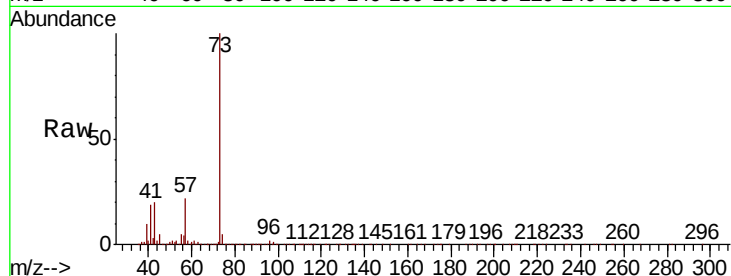


#19

Methyl tert-butyl Ether
 Concen: 20.976 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

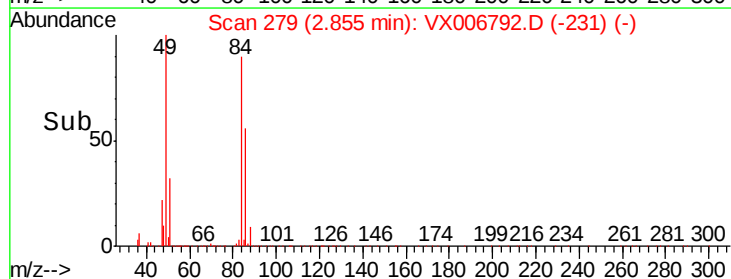
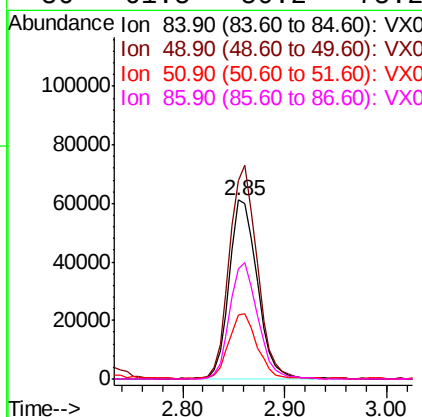
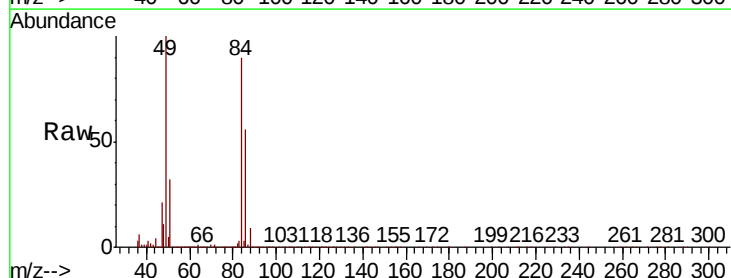
Tot Ion: 73 Resp: 350208
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2



#20

Methylene Chloride
 Concen: 20.271 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion: 84 Resp: 116855
 Ion Ratio Lower Upper
 84 100
 49 110.8 91.8 137.6
 51 35.5 28.5 42.7
 86 61.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.669 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

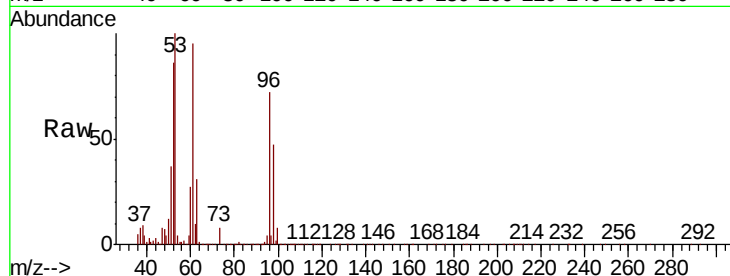
Tot Ion: 96 Resp: 104056

Ion Ratio Lower Upper

96 100

61 132.2 103.7 155.5

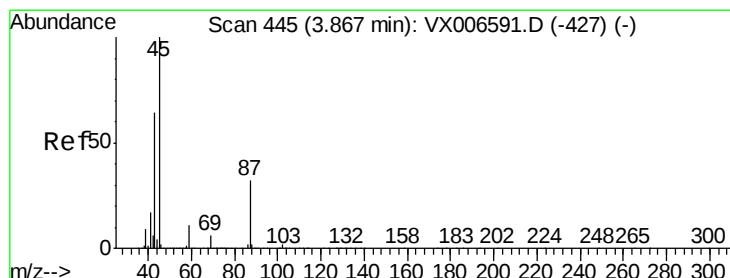
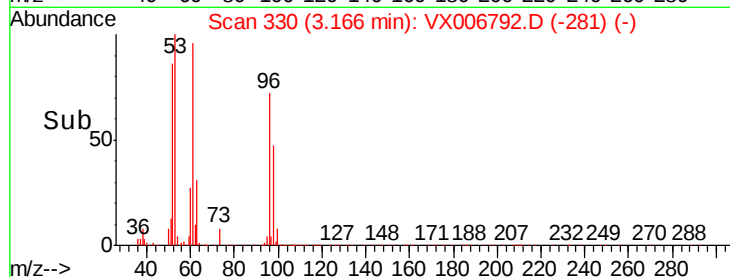
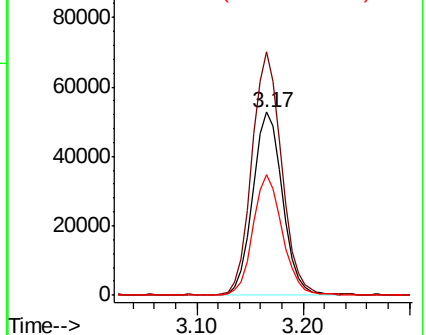
98 65.6 51.0 76.6



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: 21.179 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion: 45 Resp: 328069

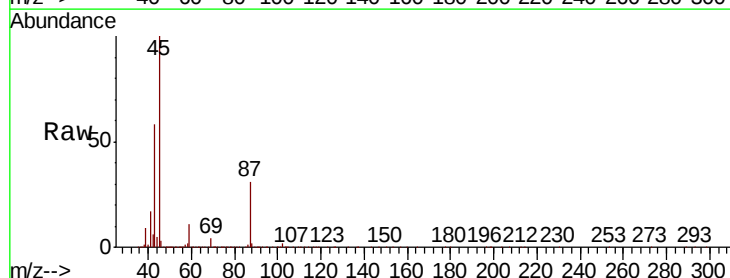
Ion Ratio Lower Upper

45 100

43 57.0 51.2 76.8

87 31.3 25.8 38.6

59 11.5 9.0 13.4

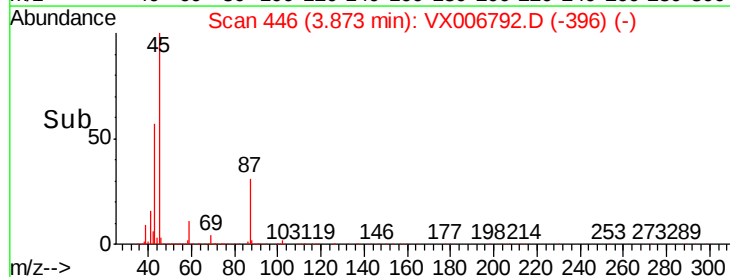
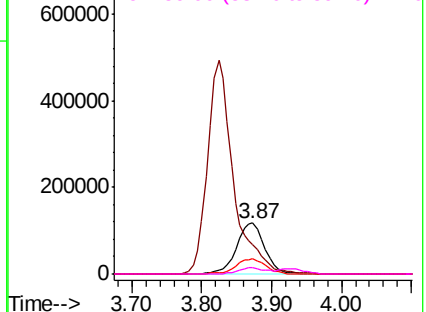


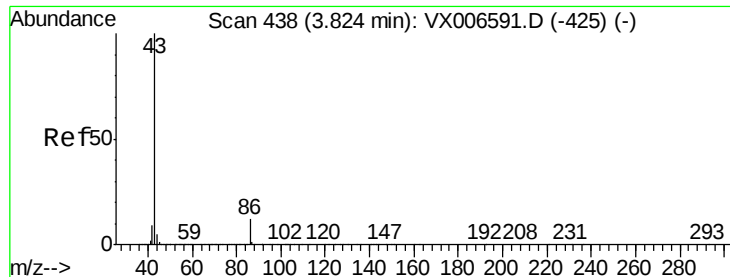
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 100.434 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleID :

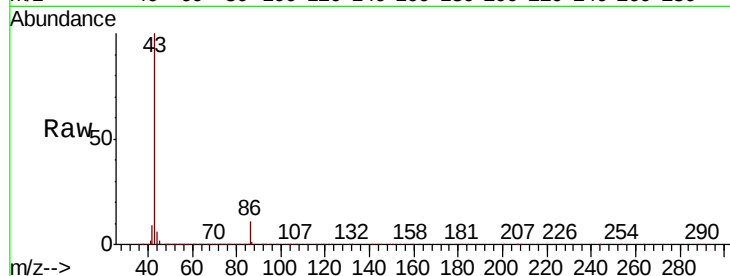
VX1224WBSD01

Tot Ion: 43 Resp: 1272576

Ion Ratio Lower Upper

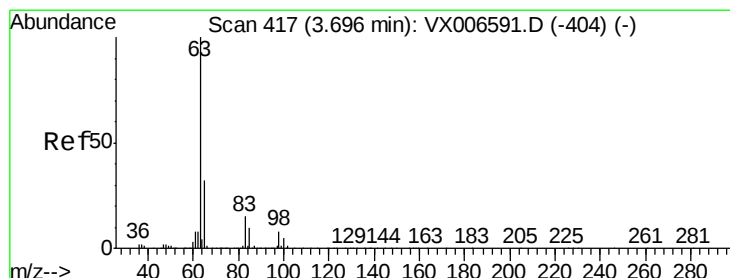
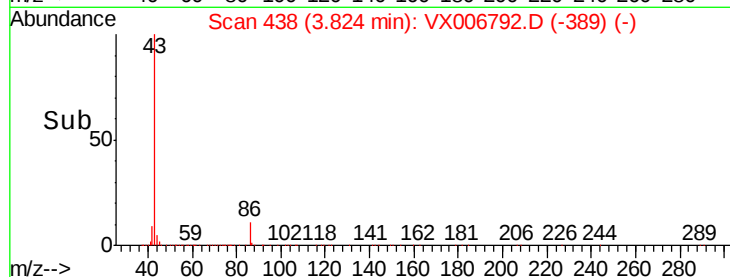
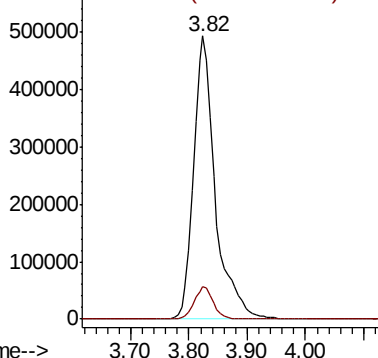
43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

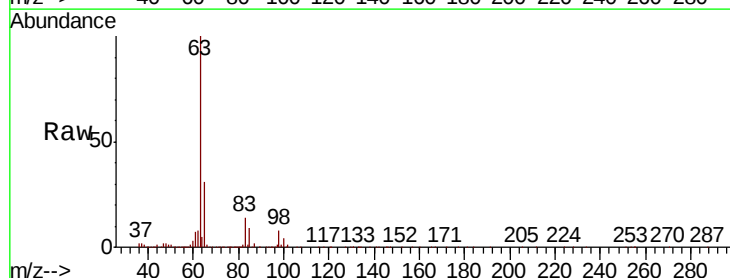
Tgt Ion: 63 Resp: 178334

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

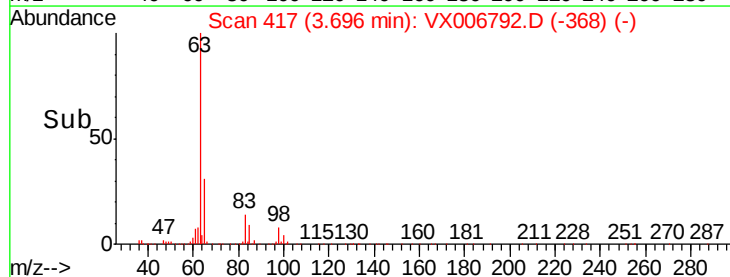
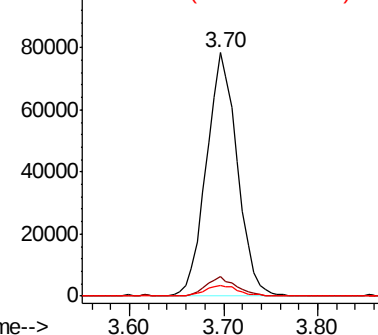
100 4.4 2.4 7.2

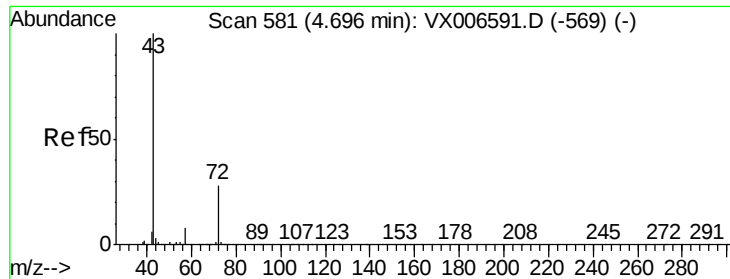


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.573 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

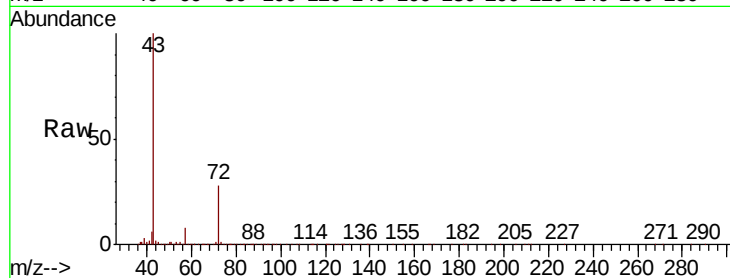
VX1224WBSD01

Tot Ion: 43 Resp: 413994

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

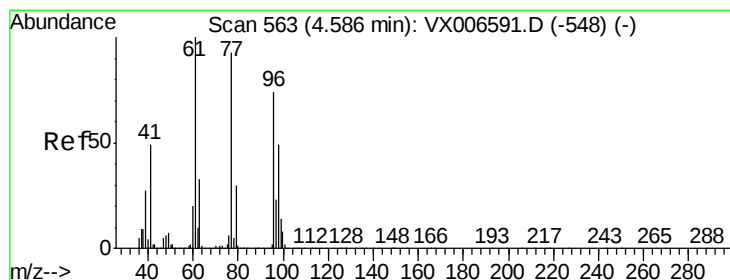
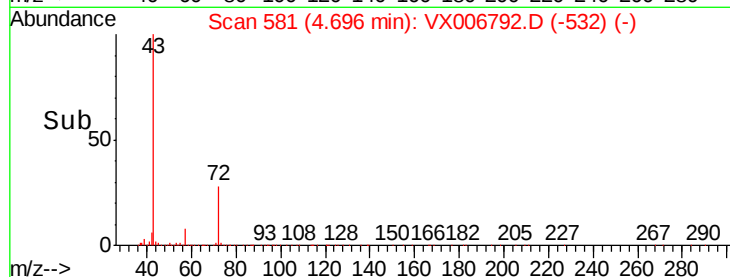
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.875 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006792.D

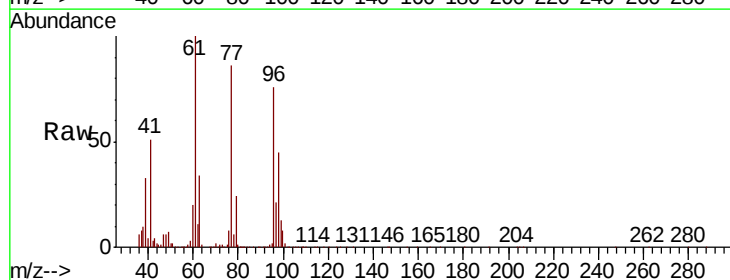
Acq: 24 Dec 2018 13:58

Tgt Ion: 77 Resp: 120539

Ion Ratio Lower Upper

77 100

97 26.3 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

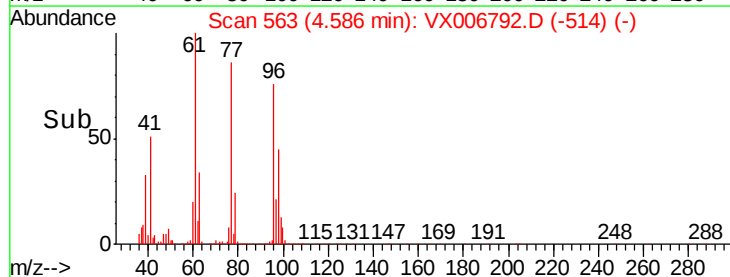
20000

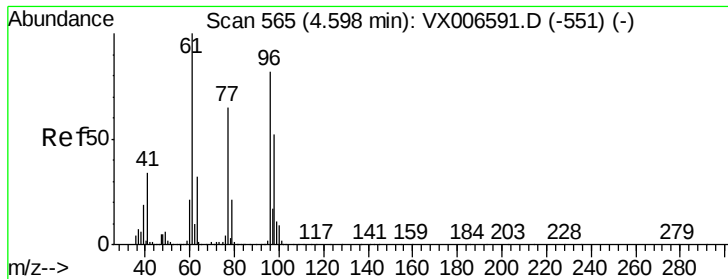
10000

0

4.50 4.60 4.70

Time-->



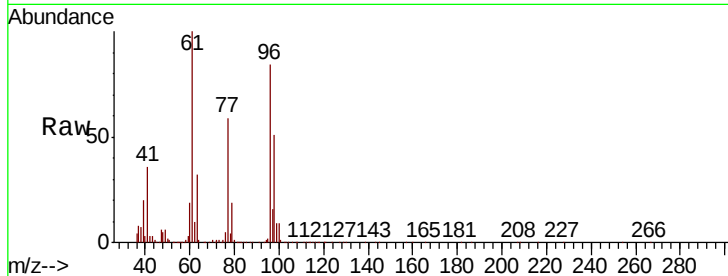


#27

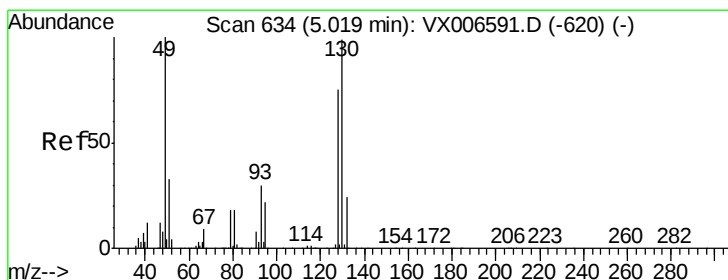
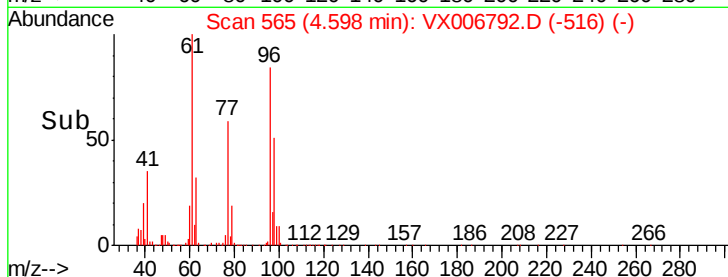
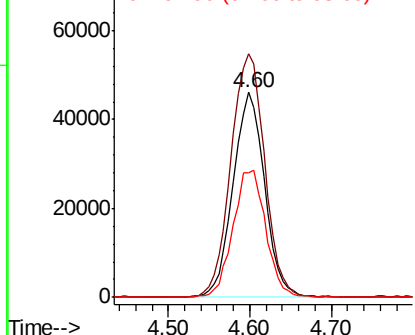
cis-1,2-Dichloroethene
 Concen: 20.126 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	258.6
98	64.5	0.0	132.0



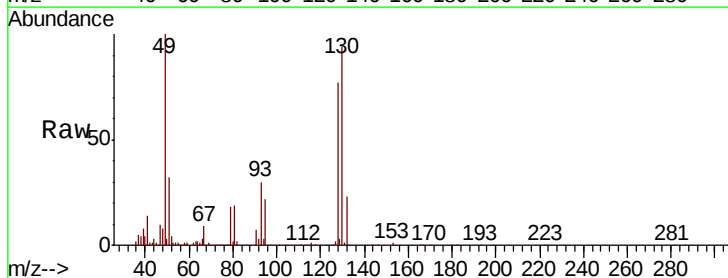
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



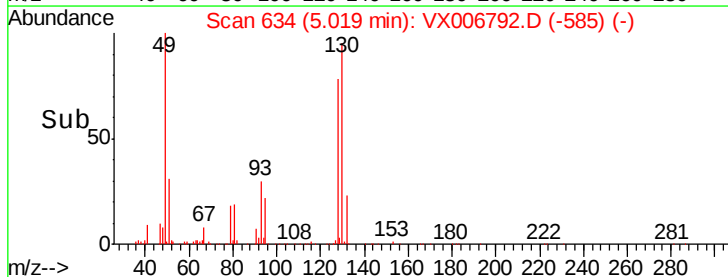
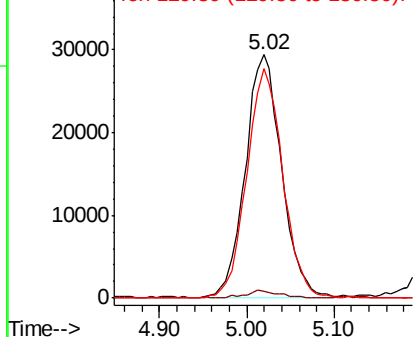
#28

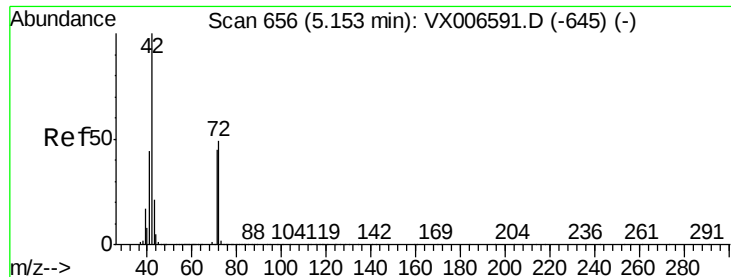
Bromochloromethane
 Concen: 20.765 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.4
130	93.4	77.7	116.5



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: 106.544 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

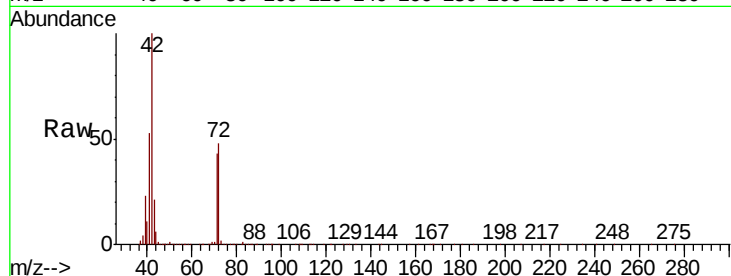
Tot Ion: 42 Resp: 275178

Ion Ratio Lower Upper

42 100

72 47.7 38.9 58.3

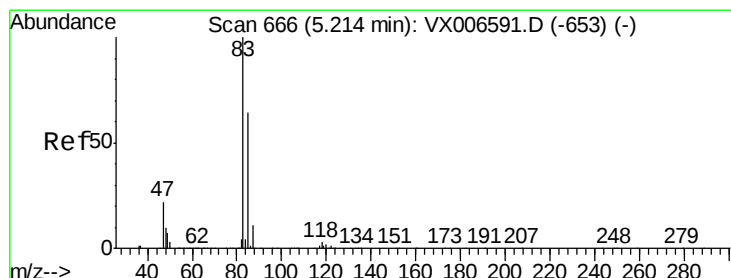
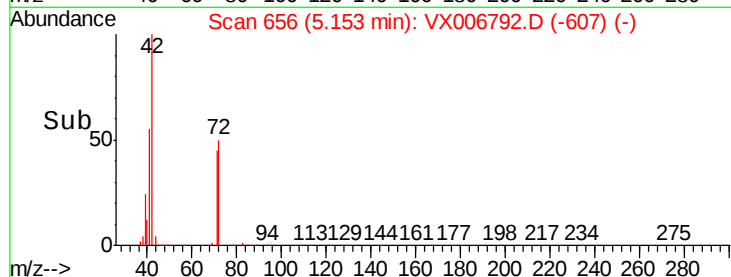
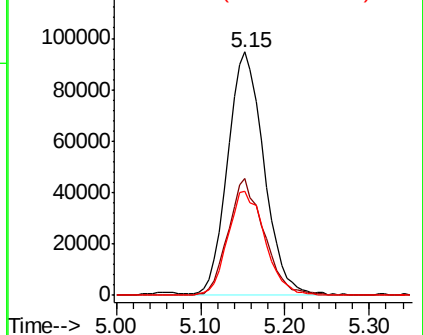
71 43.9 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.832 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006792.D

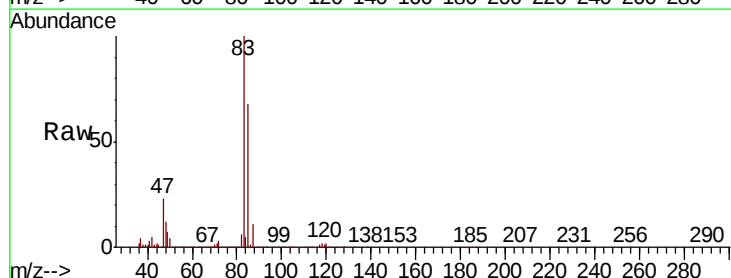
Acq: 24 Dec 2018 13:58

Tgt Ion: 83 Resp: 189908

Ion Ratio Lower Upper

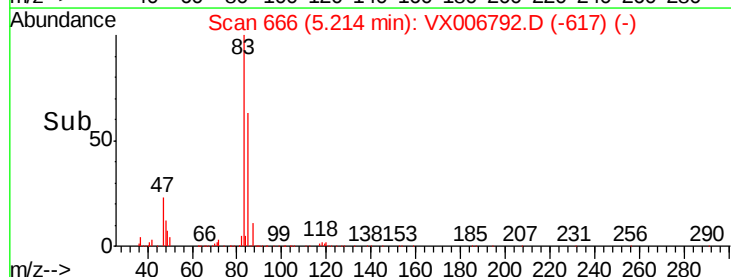
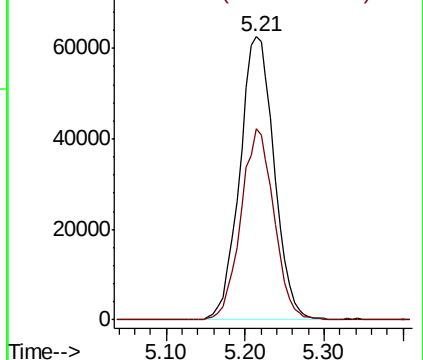
83 100

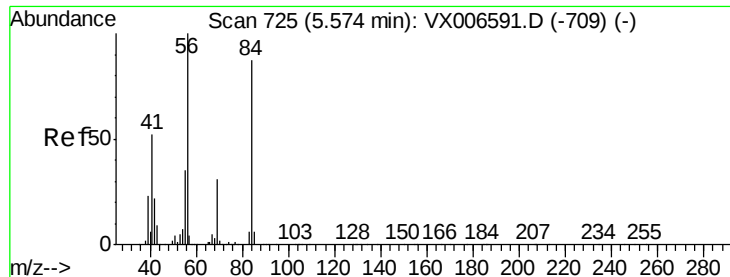
85 67.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

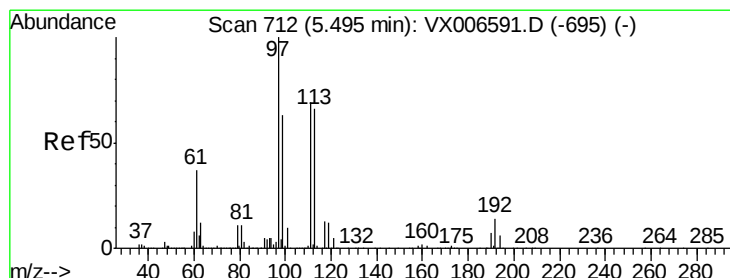
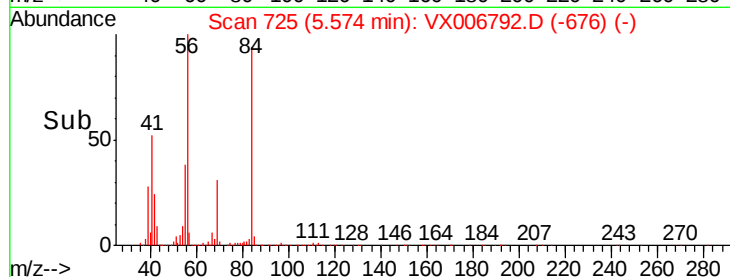
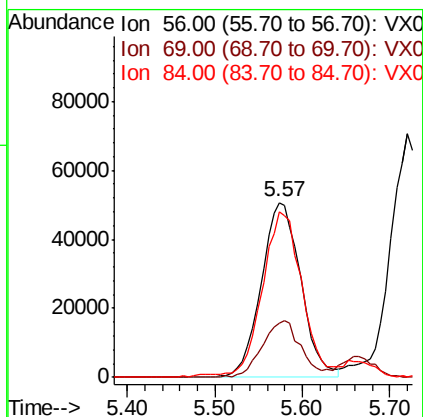
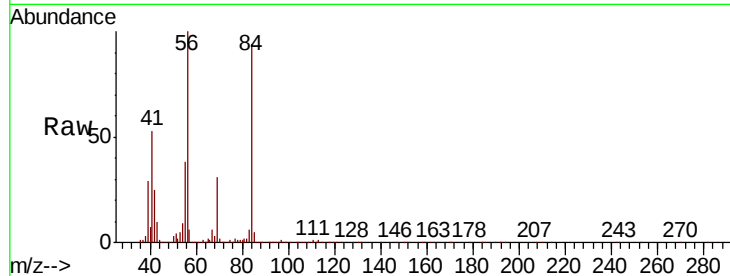




#31
Cyclohexane
Concen: 19.052 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

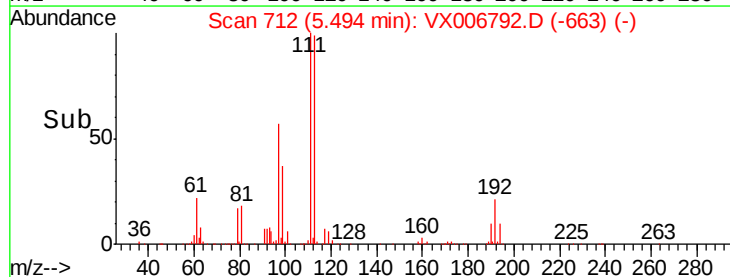
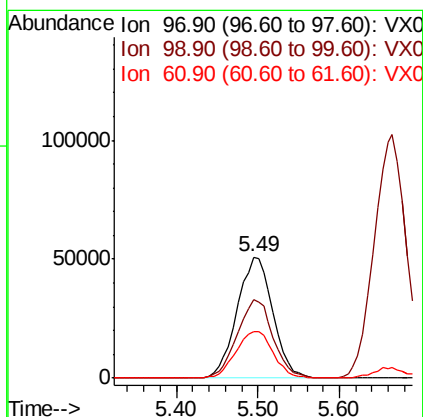
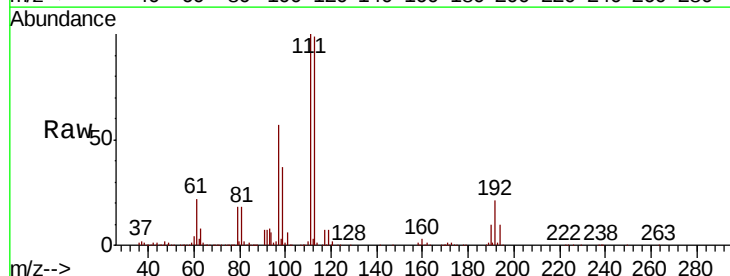
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

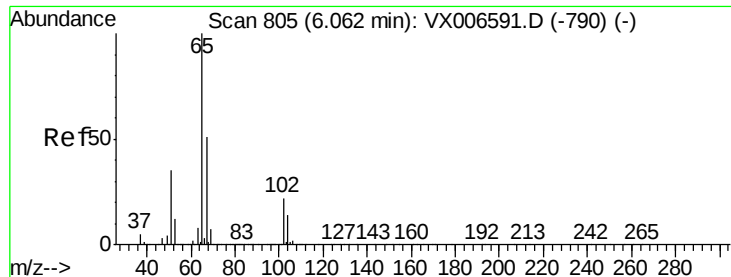
Tot Ion: 56 Resp: 160050
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 93.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.171 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 97 Resp: 155015
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 40.5 31.3 46.9

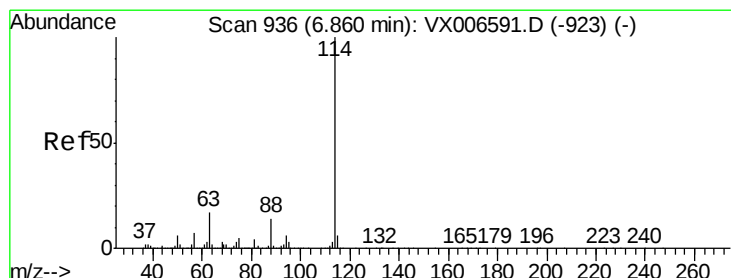
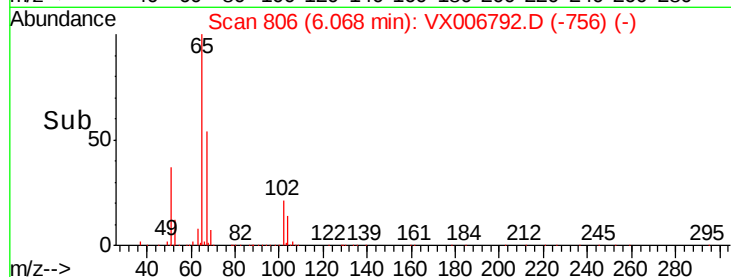
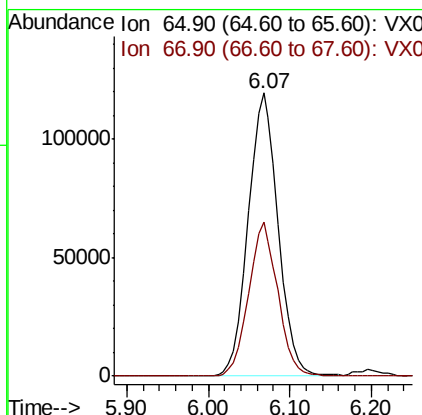
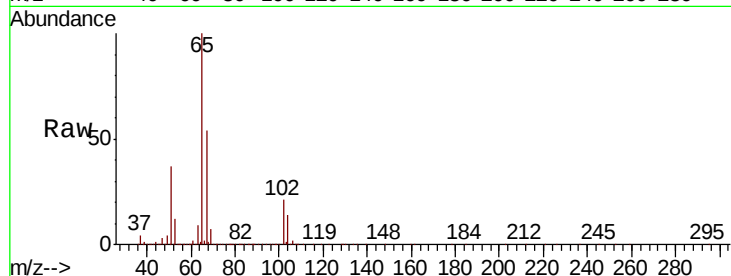




#33
 1,2-Dichloroethane-d4
 Concen: 50.393 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

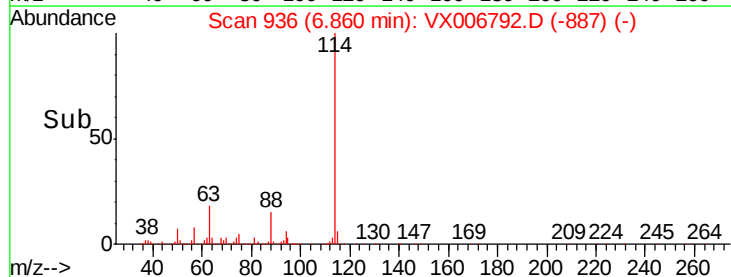
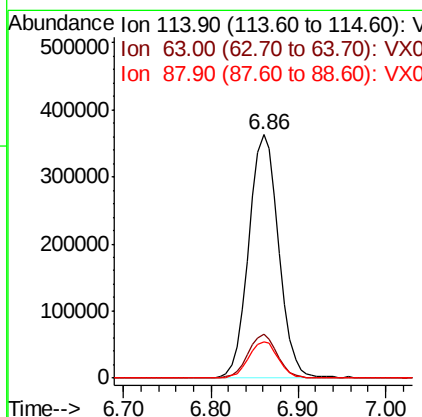
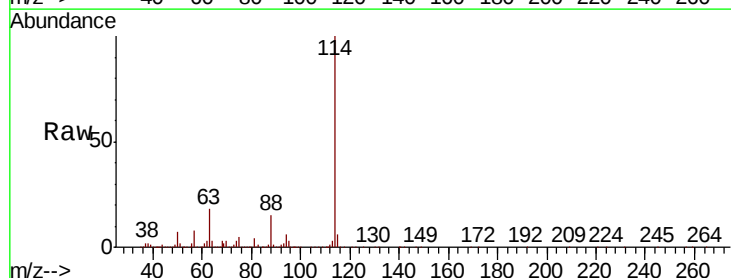
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

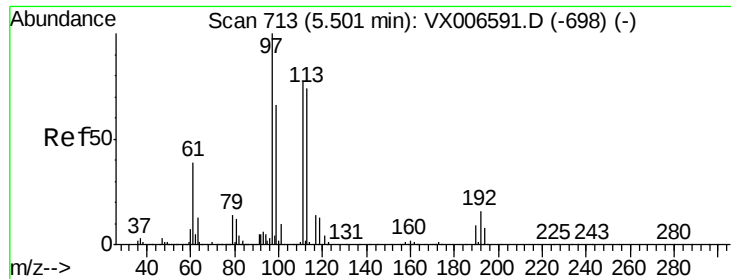
Tot Ion: 65 Resp: 305780
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion: 114 Resp: 860125
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

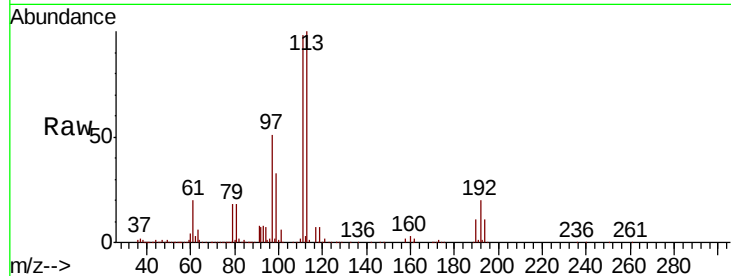
Tot Ion:113 Resp: 272651

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

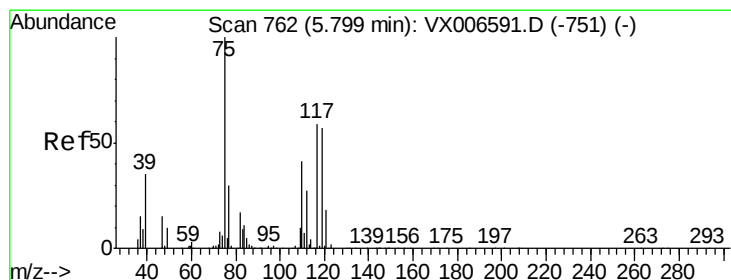
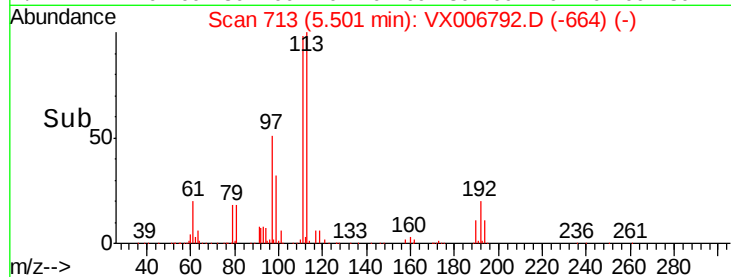
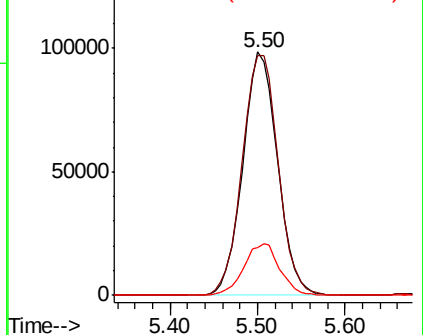
192 21.9 16.7 25.1



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: 19.718 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

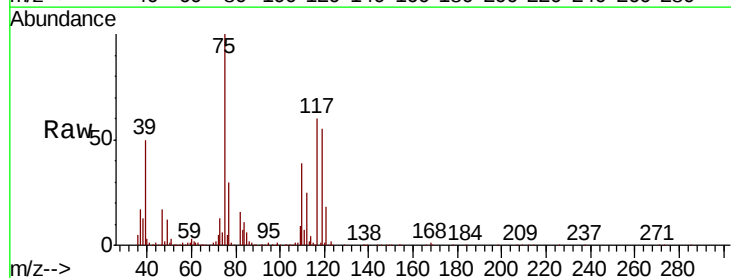
Tgt Ion: 75 Resp: 140469

Ion Ratio Lower Upper

75 100

110 40.5 20.2 60.5

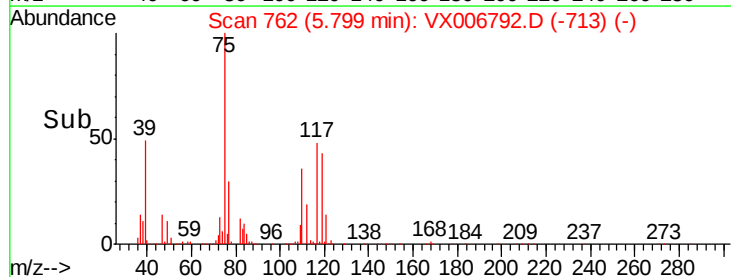
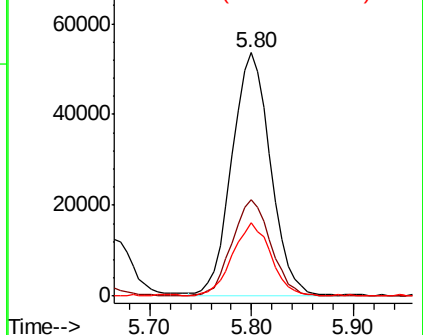
77 29.6 24.8 37.2

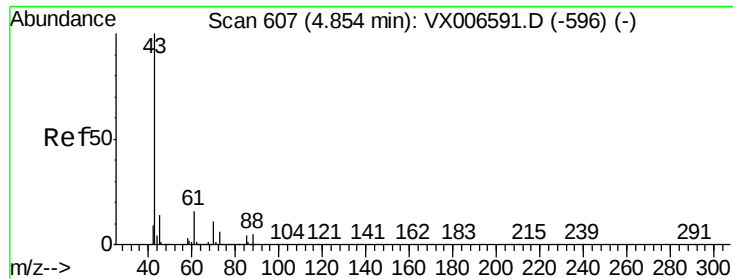


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

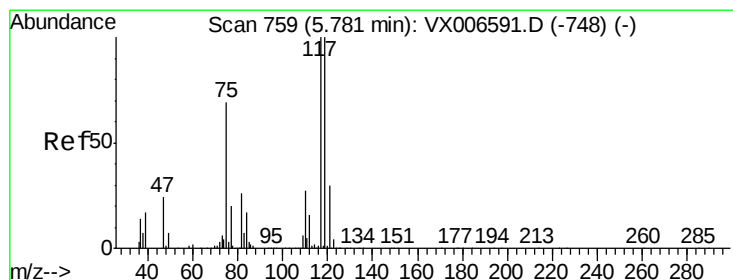
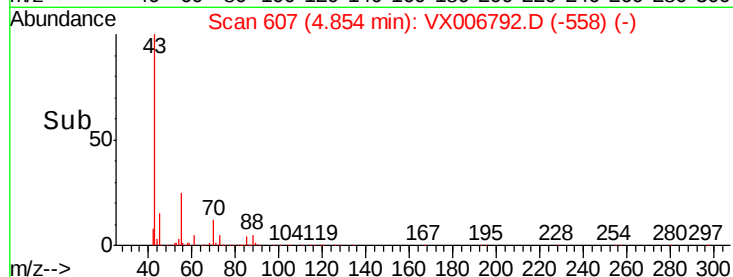
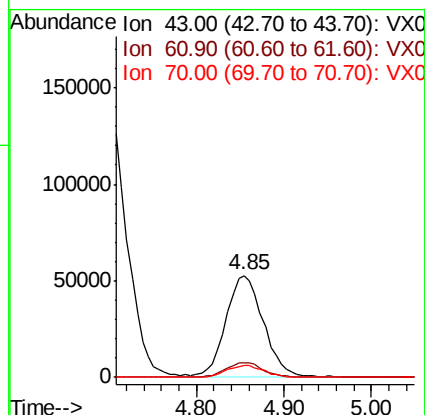
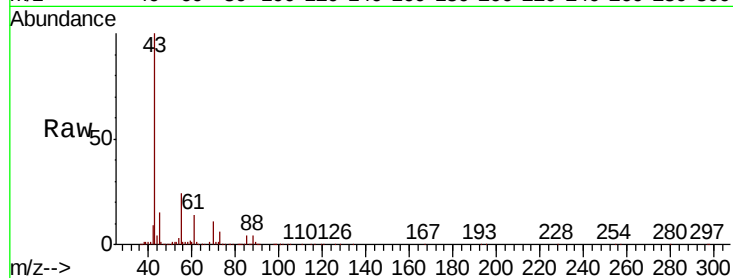




#37
Ethyl Acetate
Concen: 21.049 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

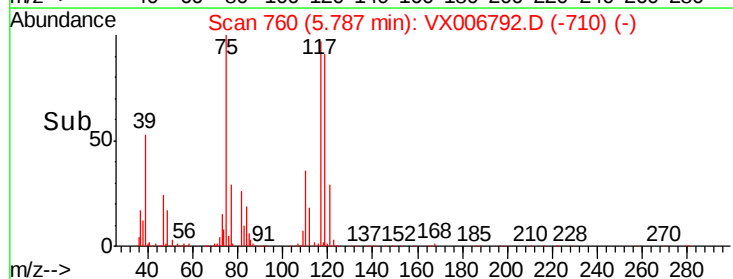
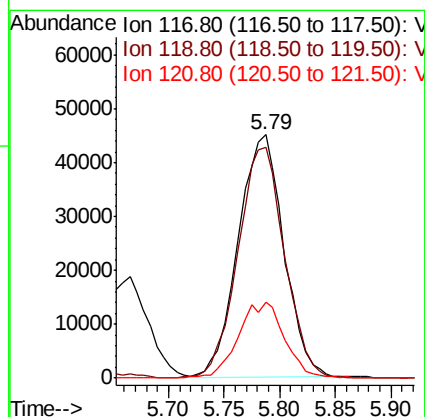
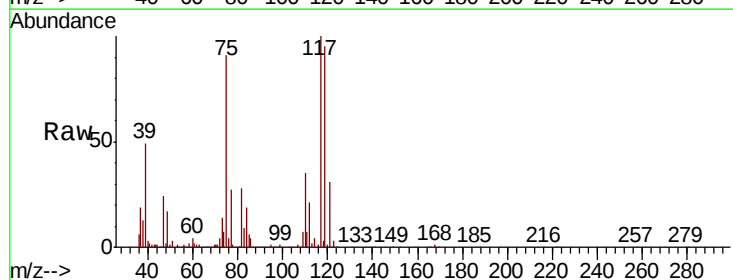
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

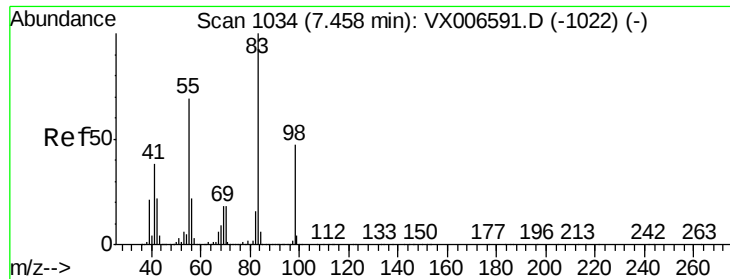
Tot Ion: 43 Resp: 156071
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 10.9 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.489 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 117 Resp: 128007
Ion Ratio Lower Upper
117 100
119 95.0 79.4 119.2
121 30.7 24.0 36.0

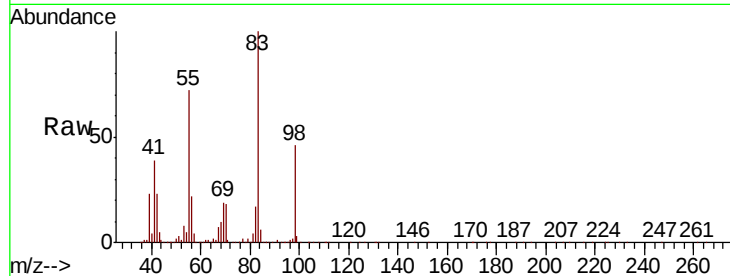




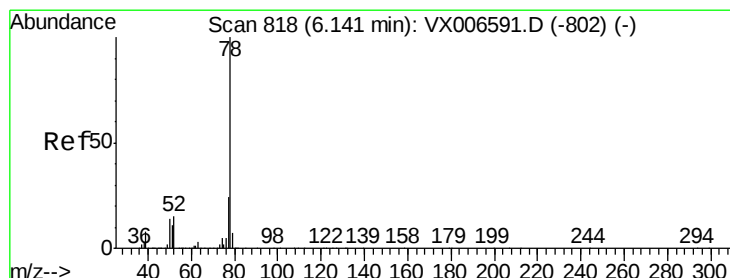
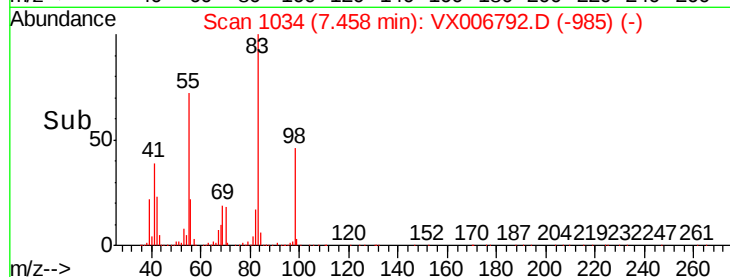
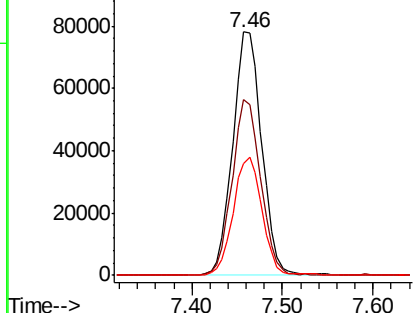
#39
Methvlcvclohexane
Concen: 18.409 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion: 83 Resp: 172652
Ion Ratio Lower Upper
83 100
55 72.0 54.9 82.3
98 46.0 37.9 56.9

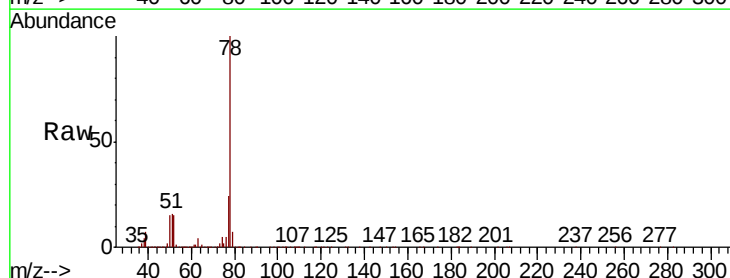


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

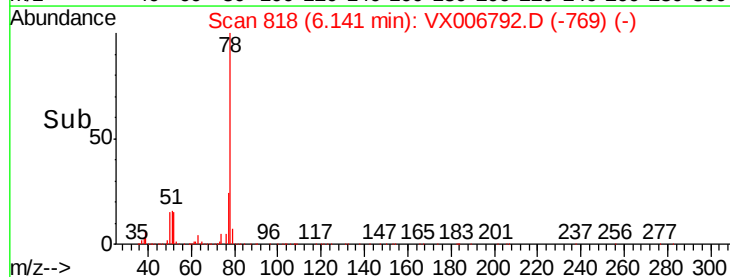
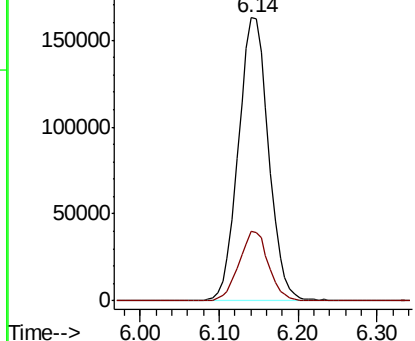


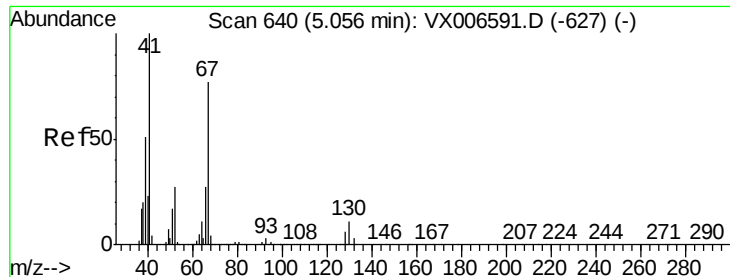
#40
Benzene
Concen: 20.021 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 78 Resp: 433535
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.918 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

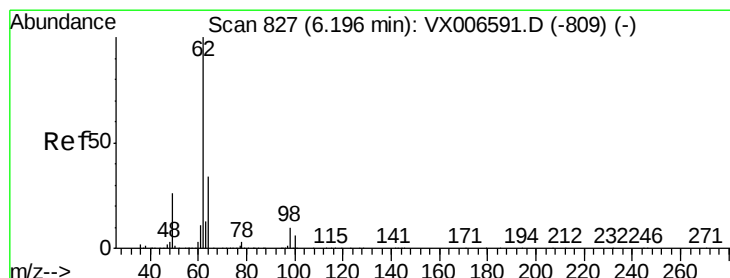
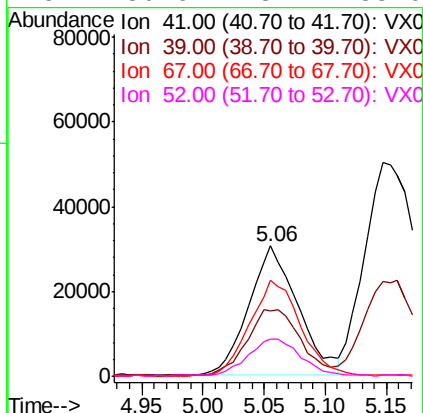
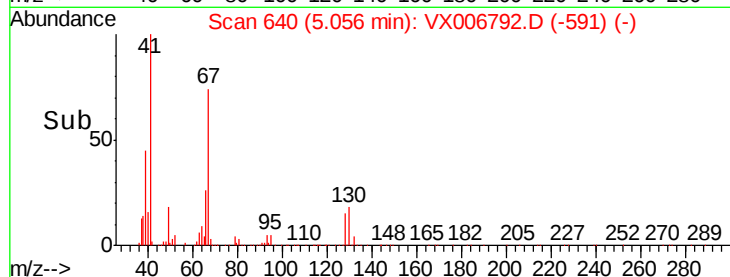
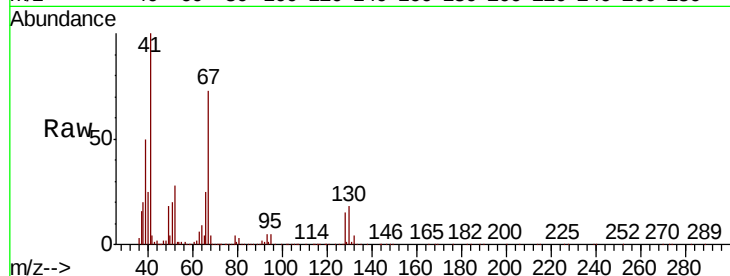
MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 41 Resp: 86280

Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.8	64.2
67	76.3	62.1	93.1
52	30.6	23.4	35.0



#42

1,2-Dichloroethane

Concen: 20.121 ug/l

RT: 6.20 min Scan# 827

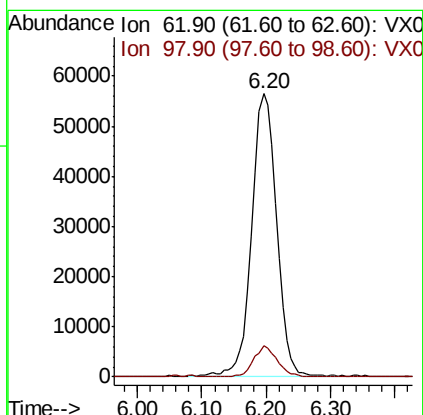
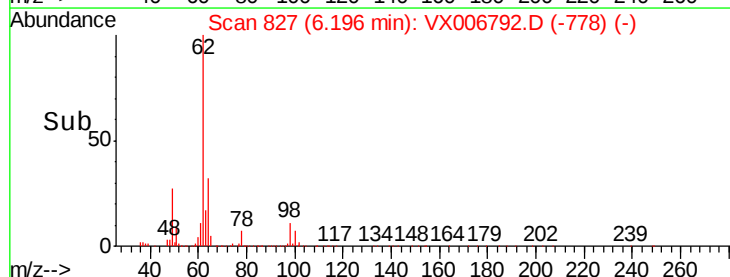
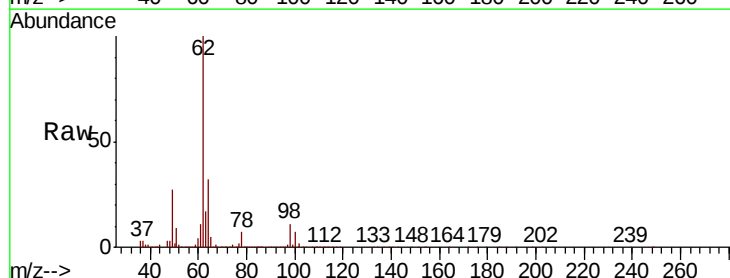
Delta R.T. -0.00 min

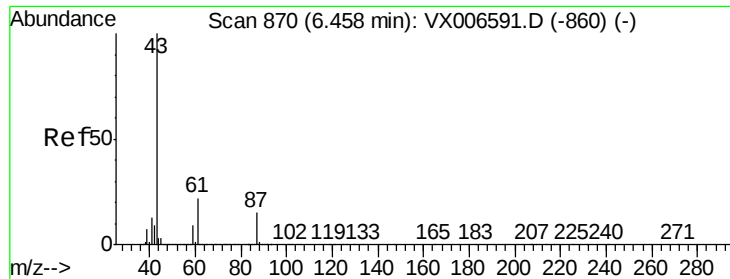
Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion: 62 Resp: 148470

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.676 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

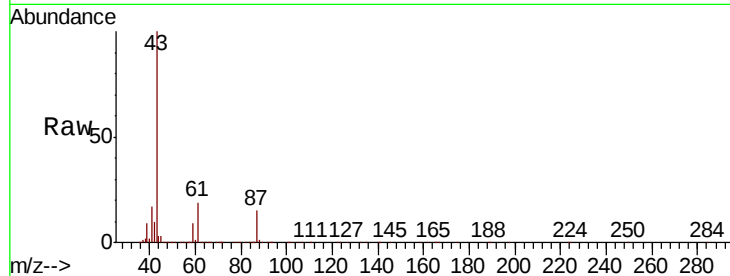
Tot Ion: 43 Resp: 233264

Ion Ratio Lower Upper

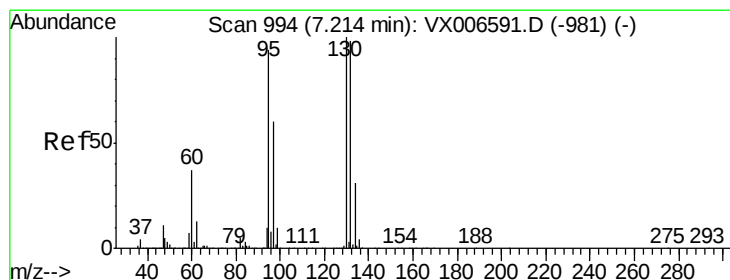
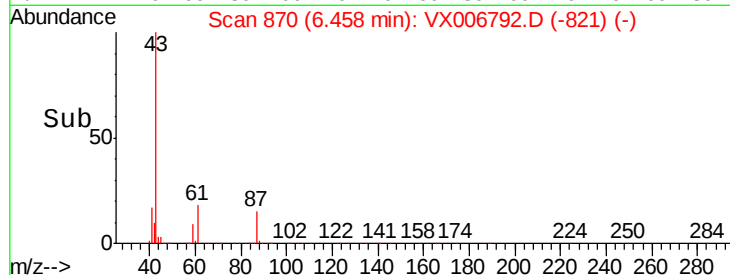
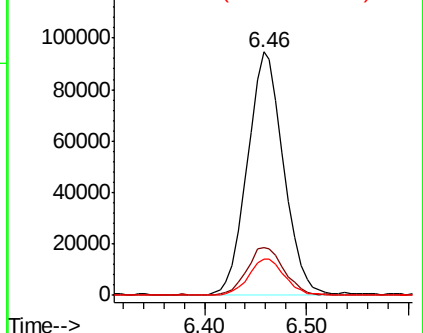
43 100

61 19.9 16.8 25.2

87 15.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.147 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006792.D

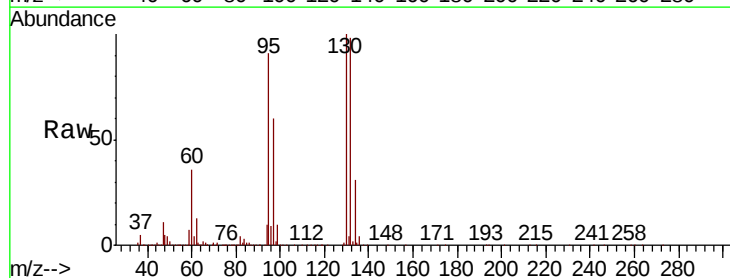
Acq: 24 Dec 2018 13:58

Tgt Ion:130 Resp: 125488

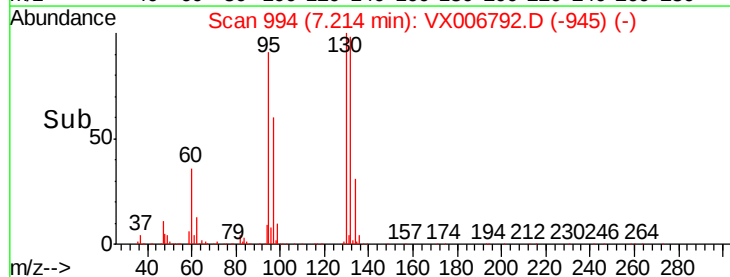
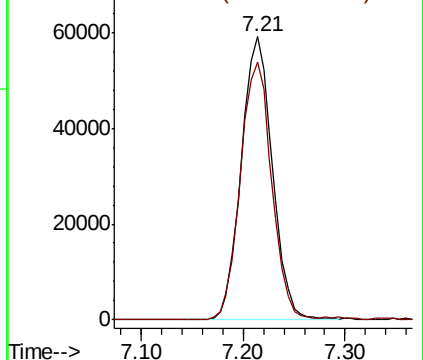
Ion Ratio Lower Upper

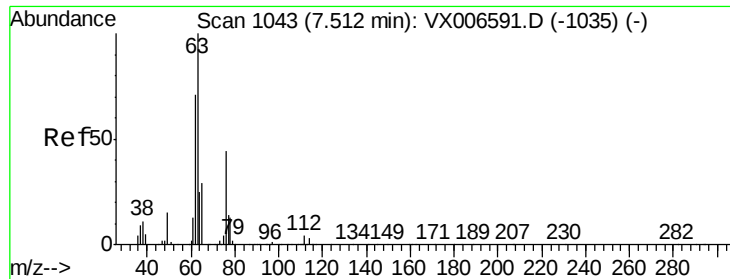
130 100

95 91.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.238 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

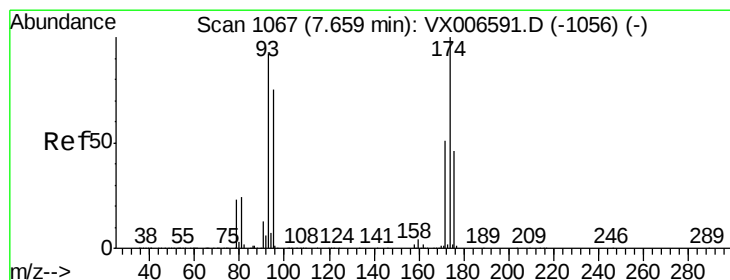
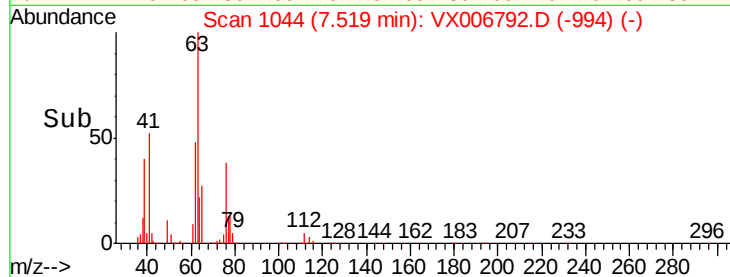
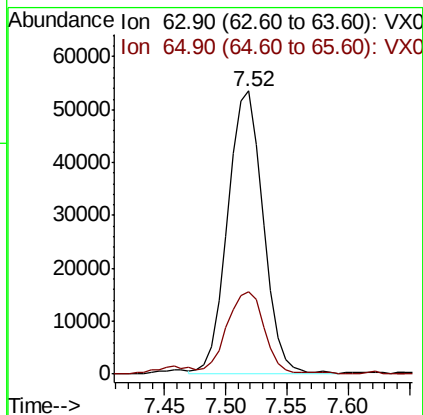
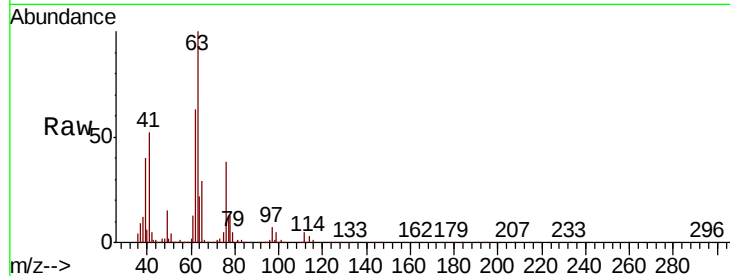
VX1224WBSD01

Tot Ion: 63 Resp: 106646

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.0



#46

Dibromomethane

Concen: 19.408 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

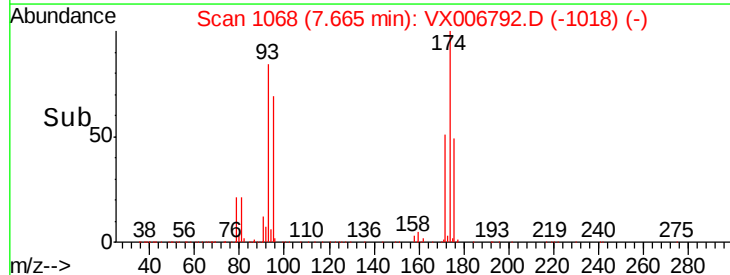
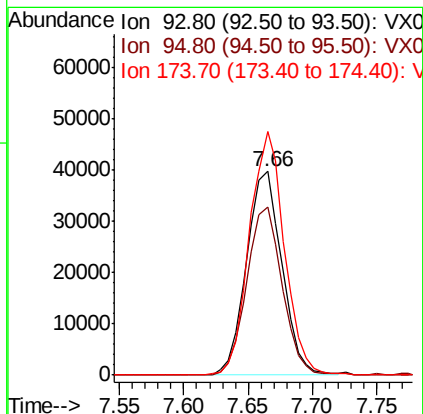
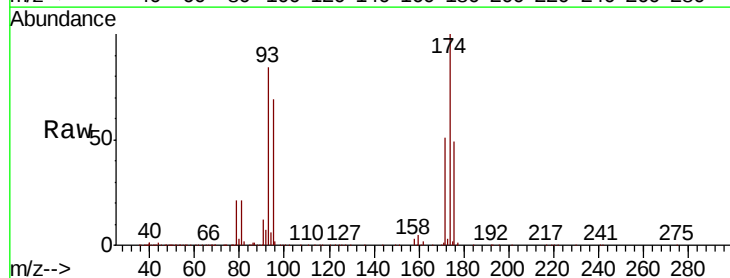
Tgt Ion: 93 Resp: 75225

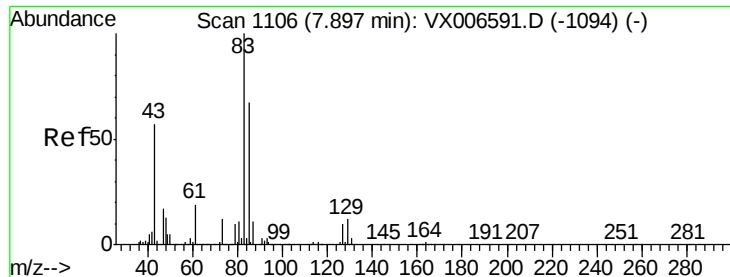
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 117.9 91.0 136.4





#47

Bromodichloromethane

Concen: 19.019 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

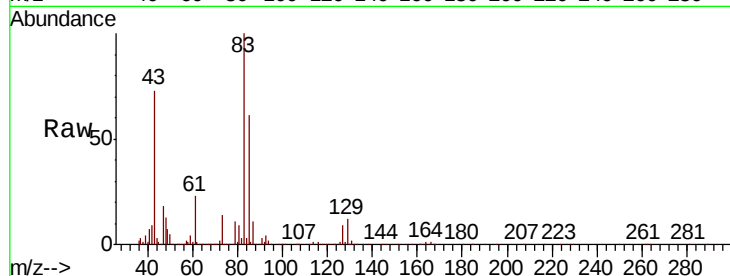
Tot Ion: 83 Resp: 122389

Ion Ratio Lower Upper

83 100

85 60.5 53.2 79.8

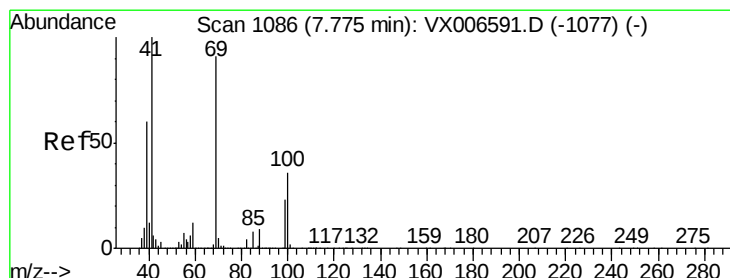
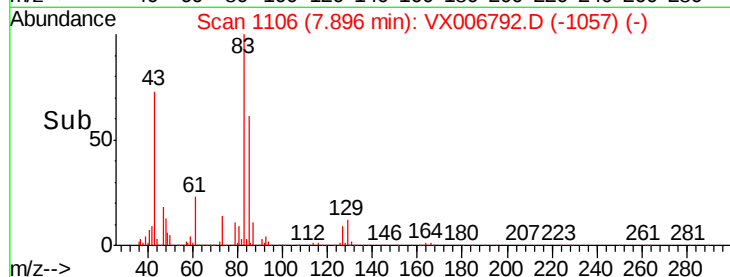
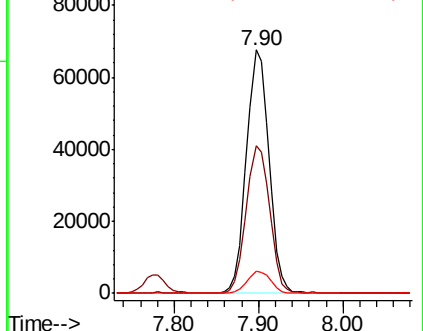
127 9.2 7.8 11.6



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: 21.714 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

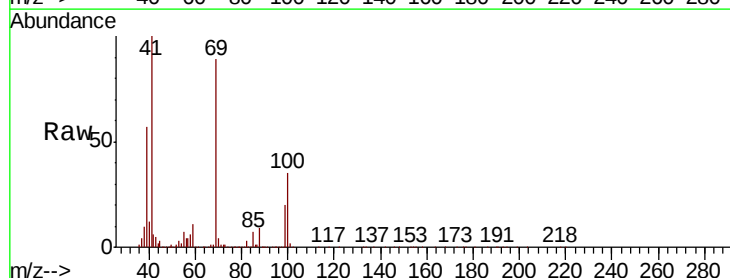
Tgt Ion: 41 Resp: 124577

Ion Ratio Lower Upper

41 100

69 87.2 72.4 108.6

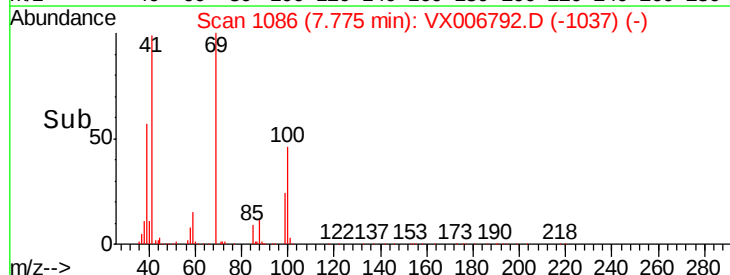
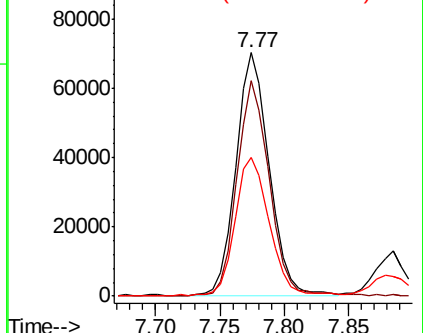
39 58.4 45.8 68.8

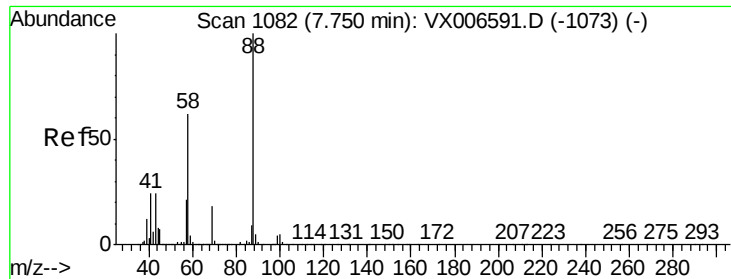


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

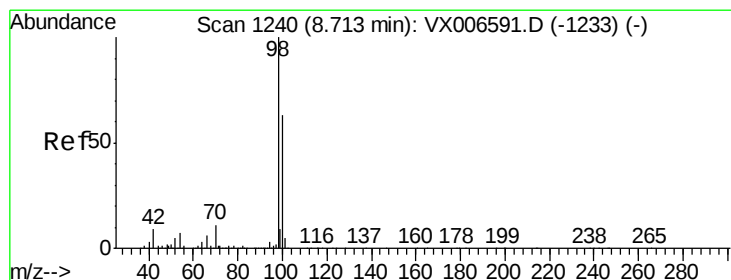
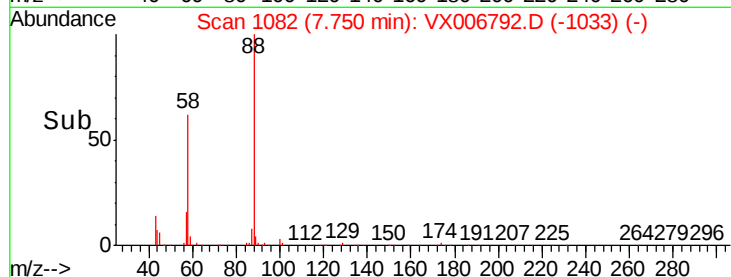
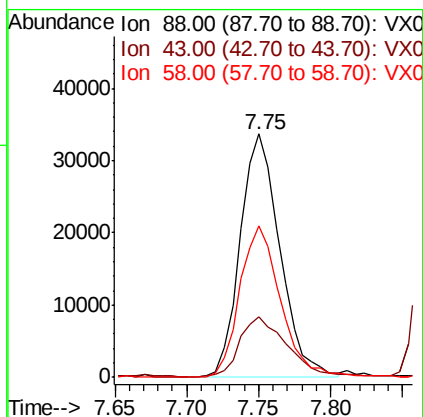
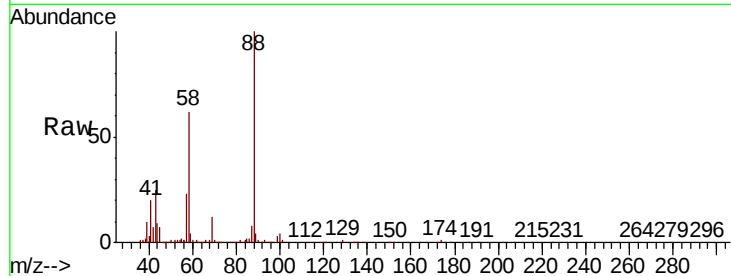




#49
1,4-Dioxane
Concen: 417.814 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

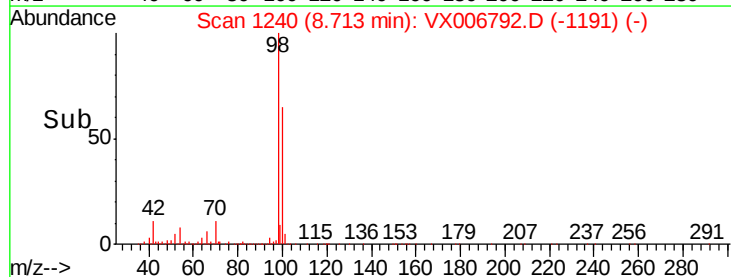
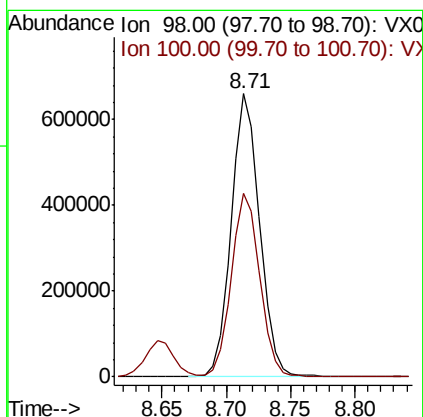
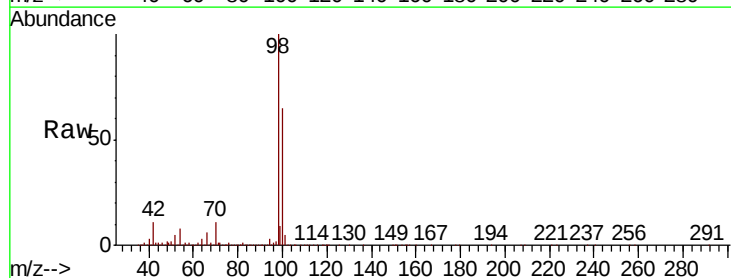
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

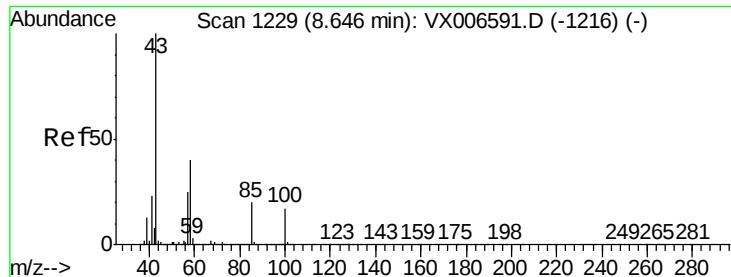
Tot Ion: 88 Resp: 64454
Ion Ratio Lower Upper
88 100
43 30.4 22.2 33.4
58 64.8 51.0 76.4



#50
Toluene-d8
Concen: 49.360 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 98 Resp: 1012191
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

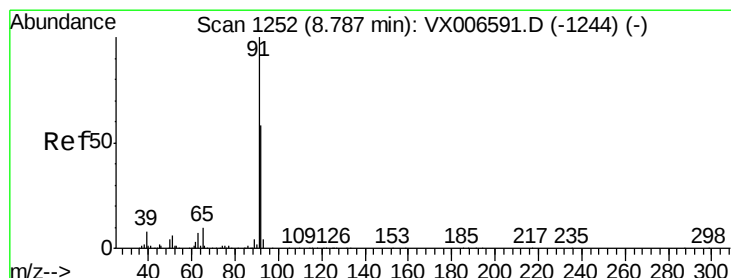
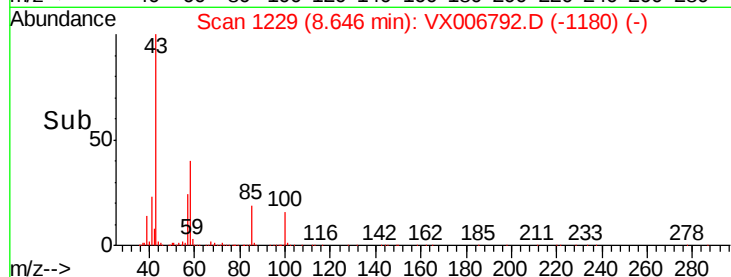
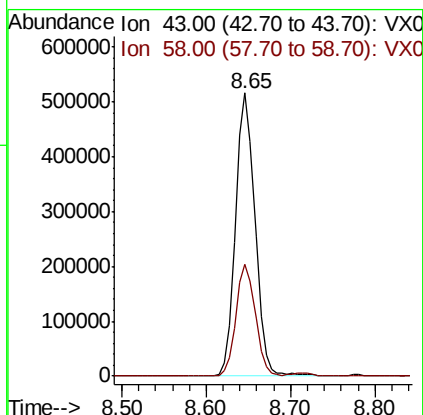
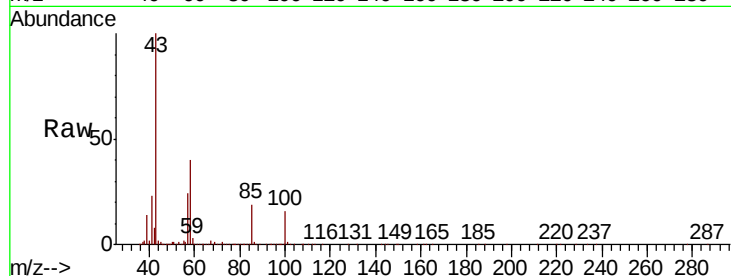




#51
4-Methyl-2-Pentanone
Concen: 112.238 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

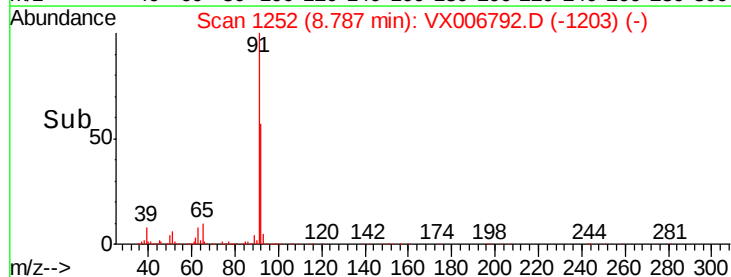
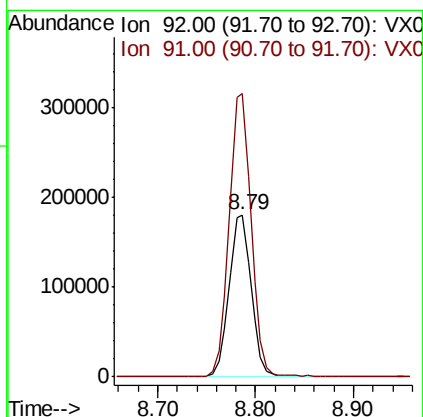
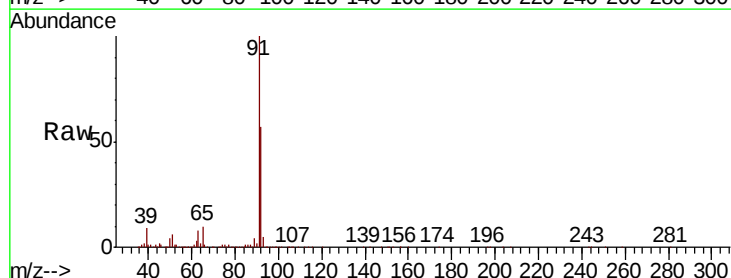
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

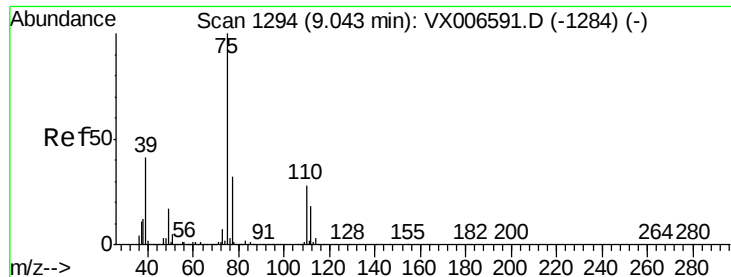
Tot Ion: 43 Resp: 805660
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.6



#52
Toluene
Concen: 20.302 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 92 Resp: 284017
Ion Ratio Lower Upper
92 100
91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.017 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

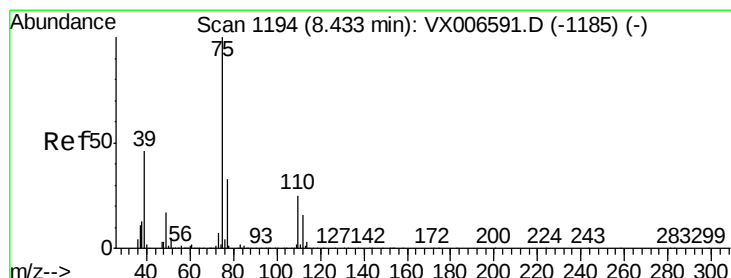
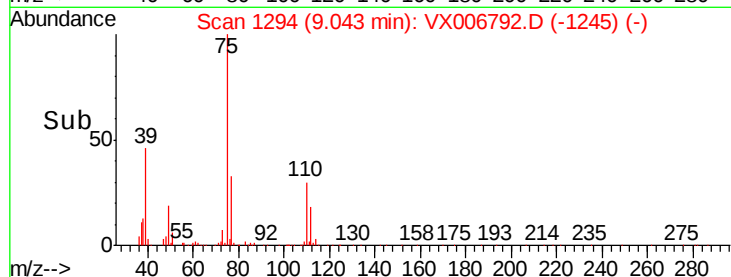
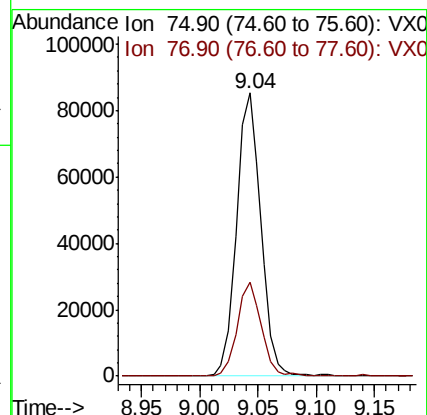
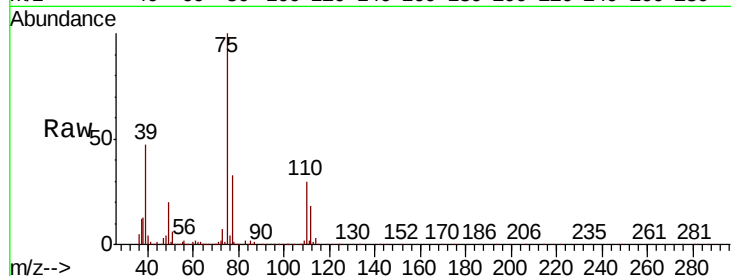
VX1224WBSD01

Tot Ion: 75 Resp: 124347

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.317 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

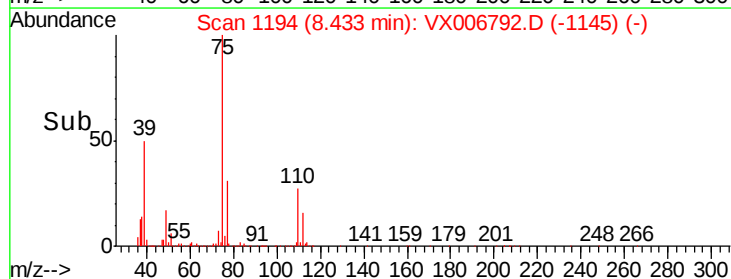
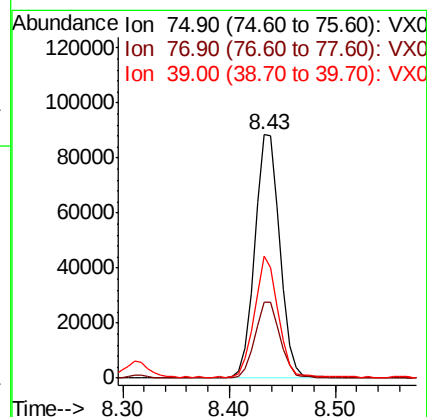
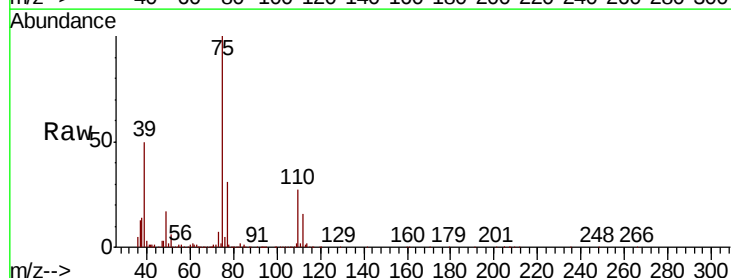
Tgt Ion: 75 Resp: 146280

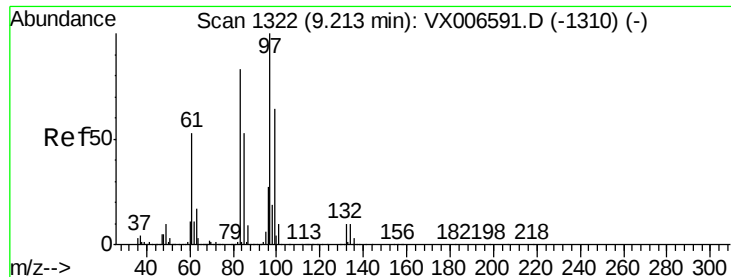
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 49.8 36.7 55.1

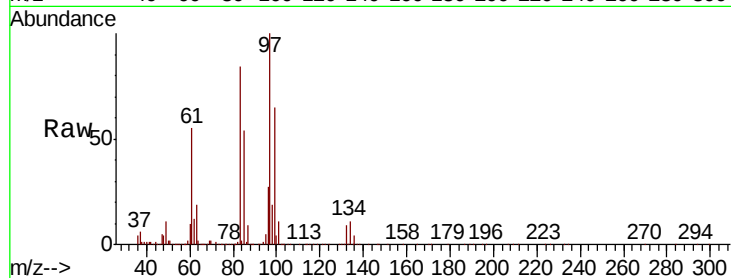




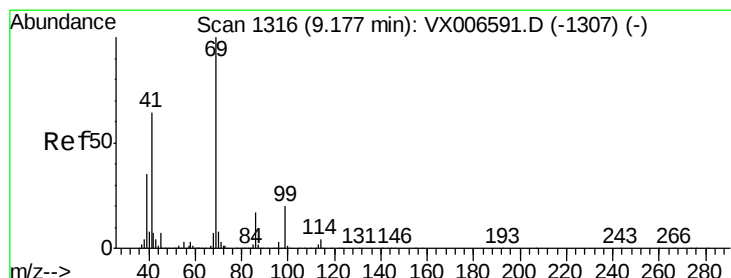
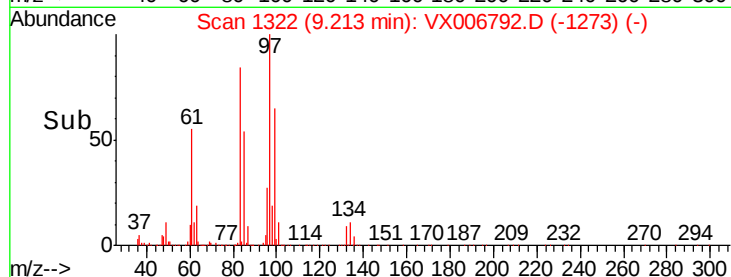
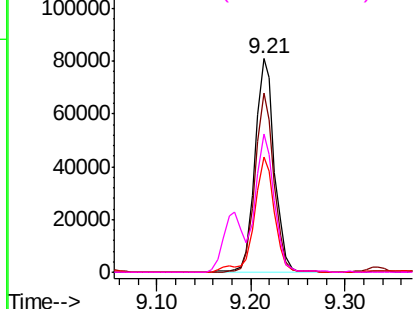
#55
 1,1,2-Trichloroethane
 Concen: 20.637 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion:	97	Resp:	118171
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.6	99.8
85	54.1	42.7	64.1
99	64.6	50.8	76.2

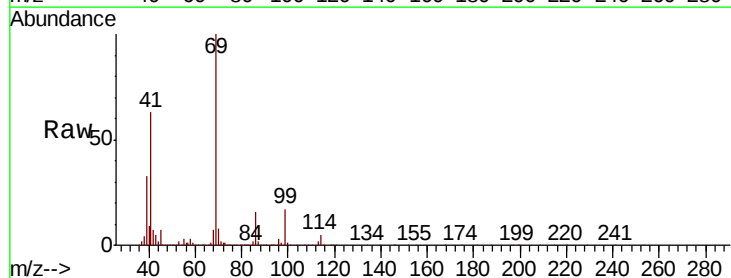


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

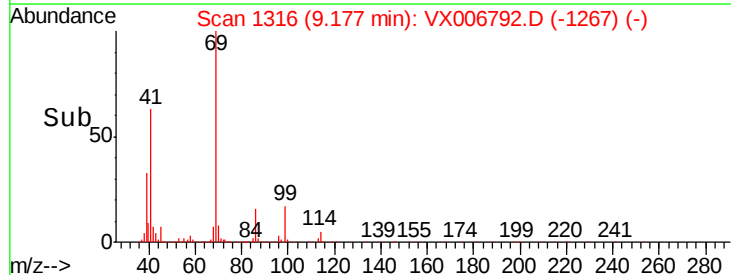
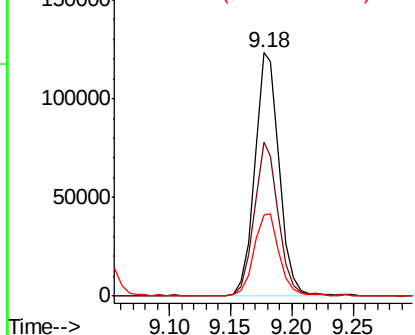


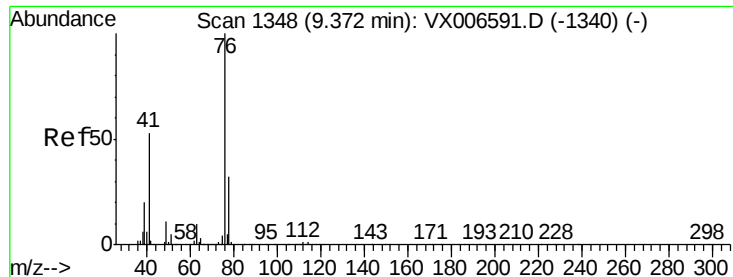
#56
 Ethyl methacrylate
 Concen: 21.229 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion:	69	Resp:	171809
Ion	Ratio	Lower	Upper
69	100		
41	62.5	48.7	73.1
39	34.6	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 20.704 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

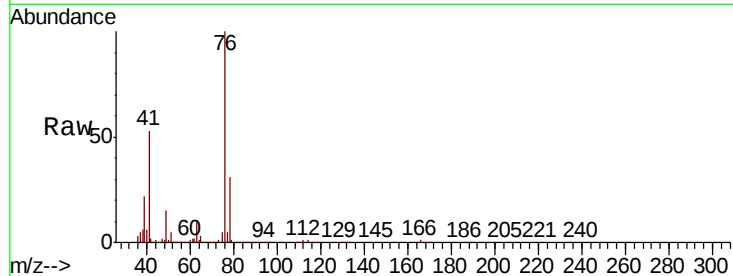
VX1224WBSD01

Tot Ion: 76 Resp: 190743

Ion Ratio Lower Upper

76 100

78 31.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

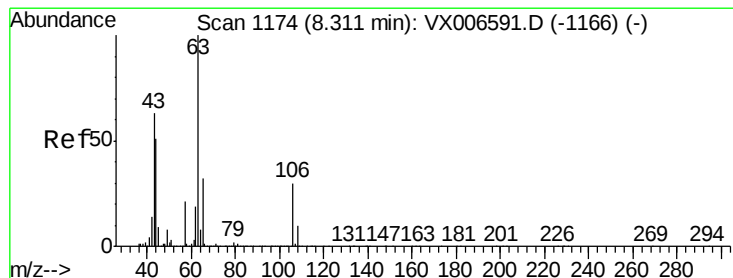
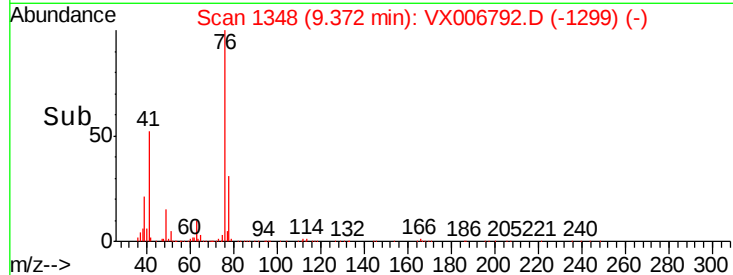
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.561 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006792.D

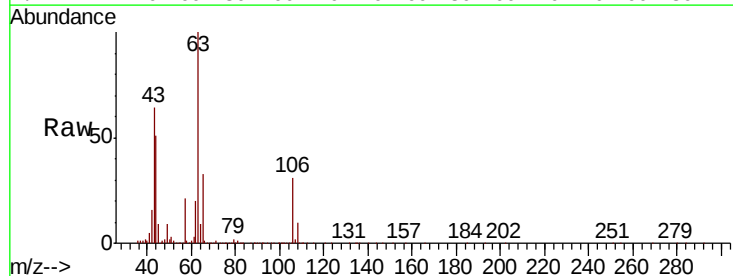
Acq: 24 Dec 2018 13:58

Tgt Ion: 63 Resp: 441224

Ion Ratio Lower Upper

63 100

106 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

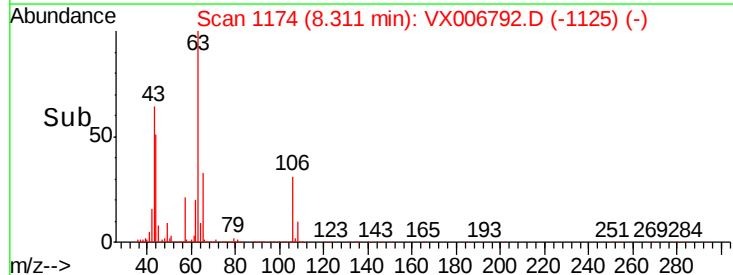
100000

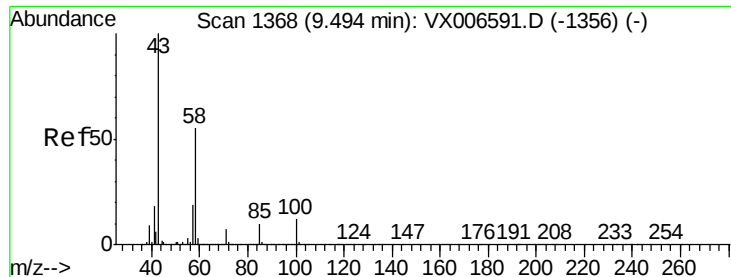
50000

0

8.25 8.30 8.35 8.40 8.45

Time-->

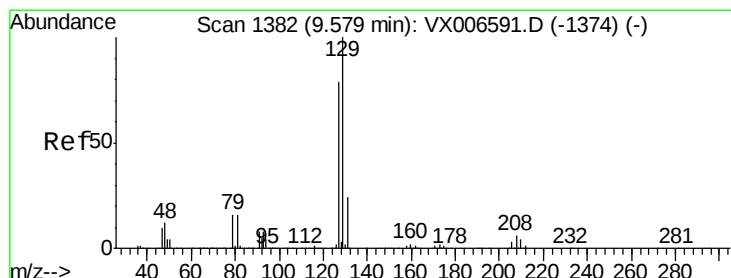
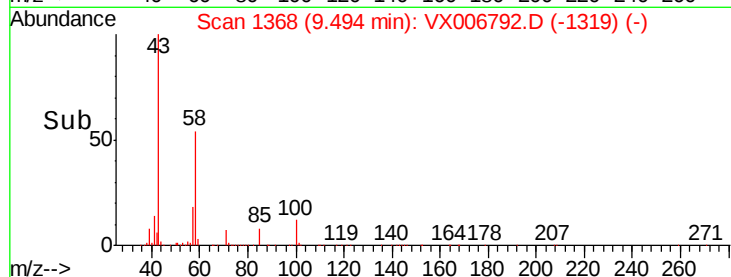
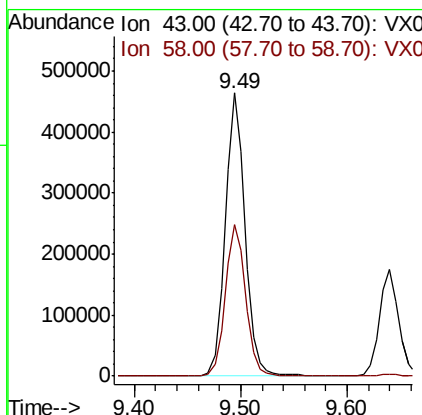
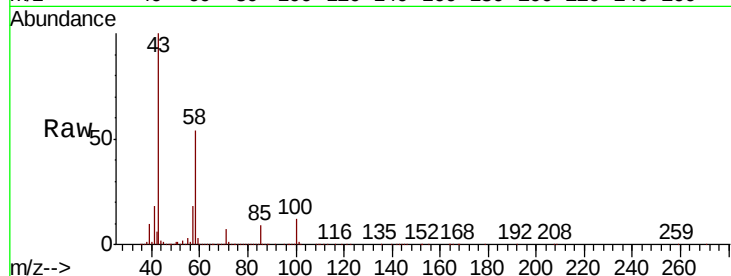




#59
2-Hexanone
Concen: 109.170 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

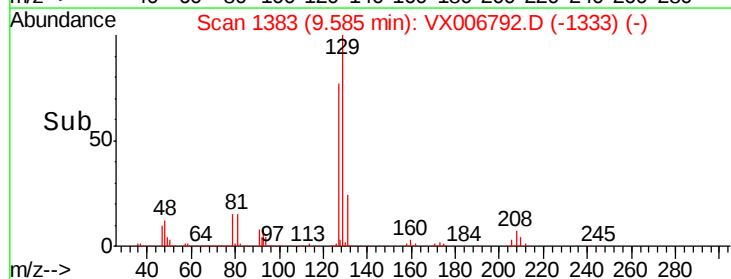
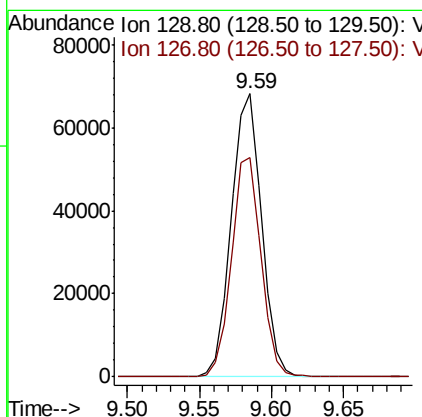
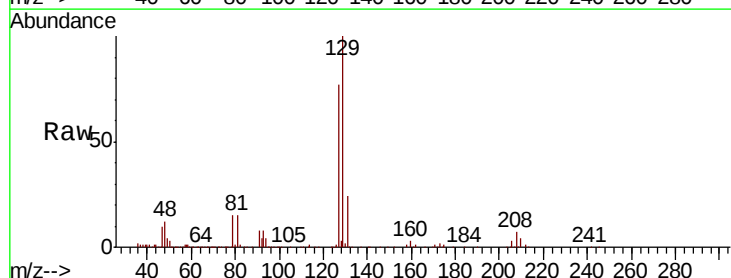
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

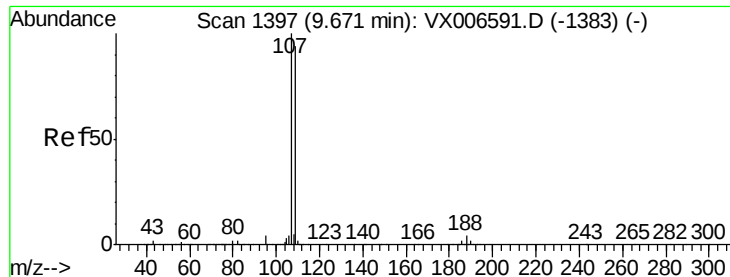
Tot Ion: 43 Resp: 599577
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 18.323 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 129 Resp: 100483
Ion Ratio Lower Upper
129 100
127 75.7 39.3 117.8

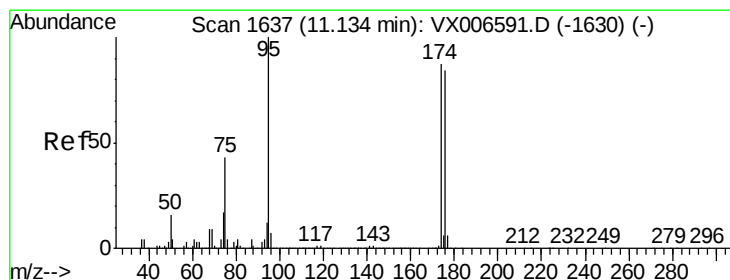
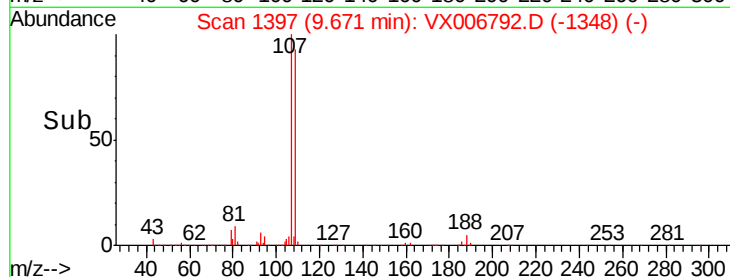
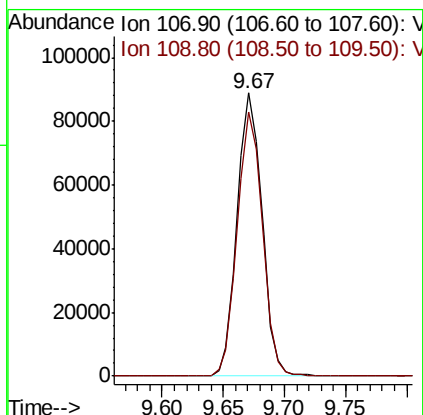
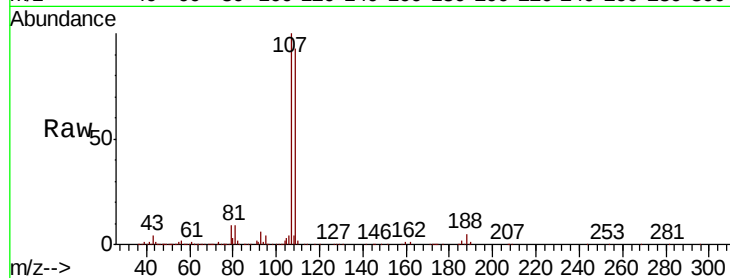




#61
 1,2-Dibromoethane
 Concen: 20.653 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

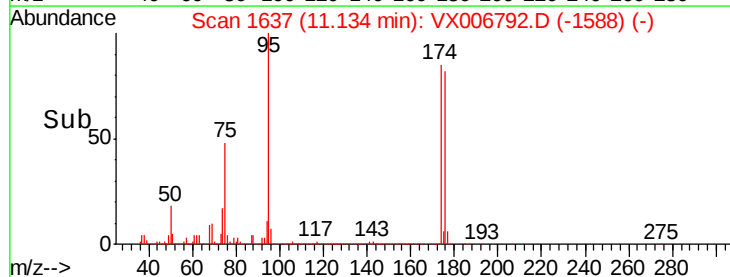
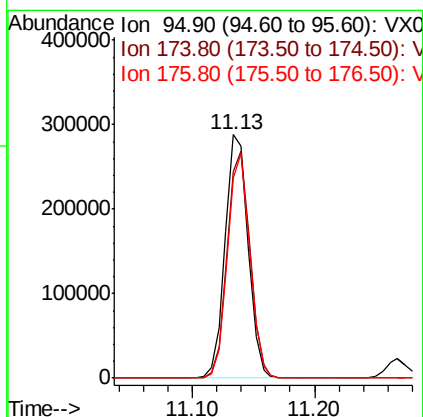
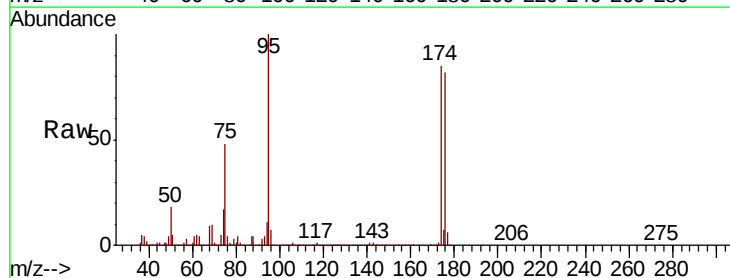
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

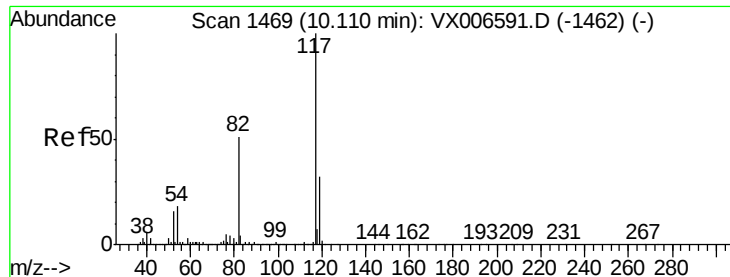
Tot Ion: 107 Resp: 125713
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.817 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion: 95 Resp: 374136
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 182.2
 176 89.5 0.0 178.8

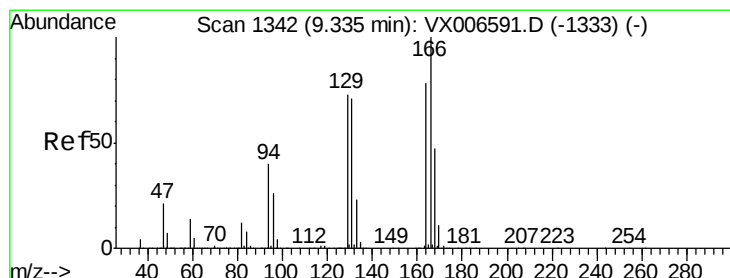
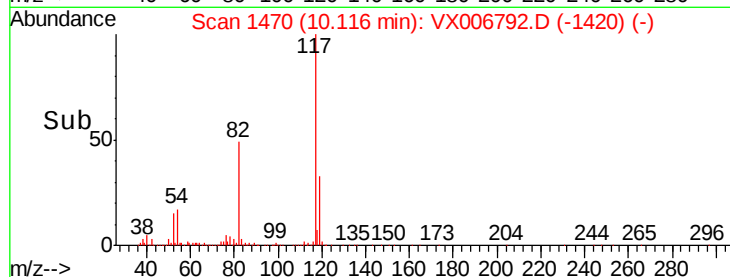
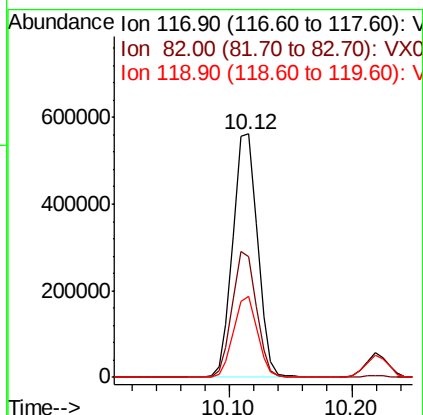
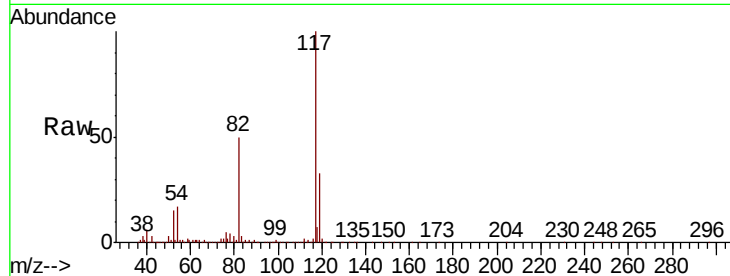




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

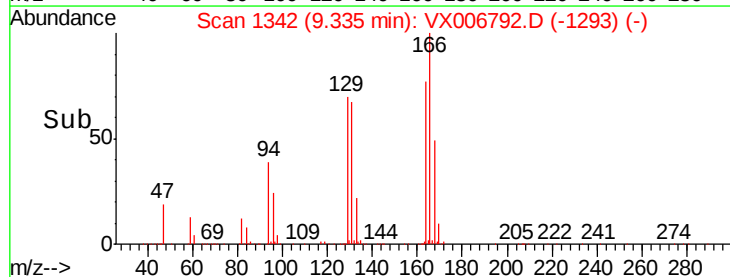
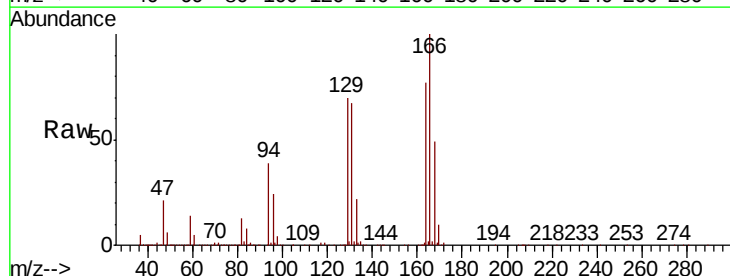
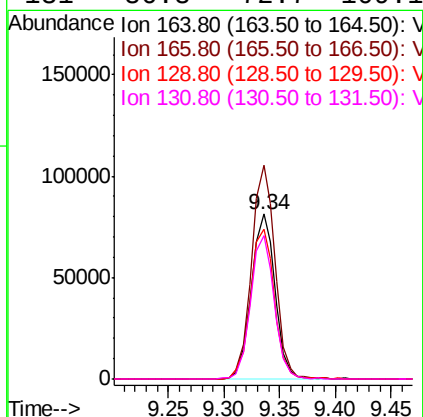
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

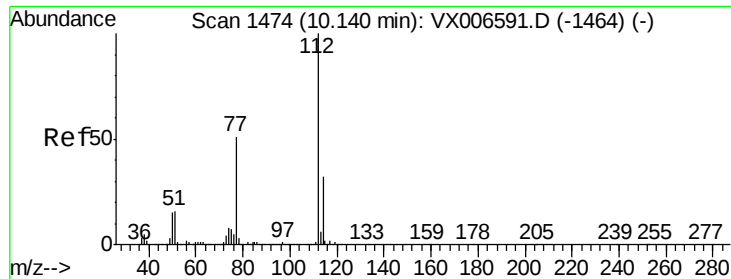
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.0	61.6
119	33.1	25.4	38.0



#64
Tetrachloroethene
Concen: 19.400 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.5	153.7
129	91.0	75.1	112.7
131	86.8	72.7	109.1





#65

Chlorobenzene

Concen: 19.960 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

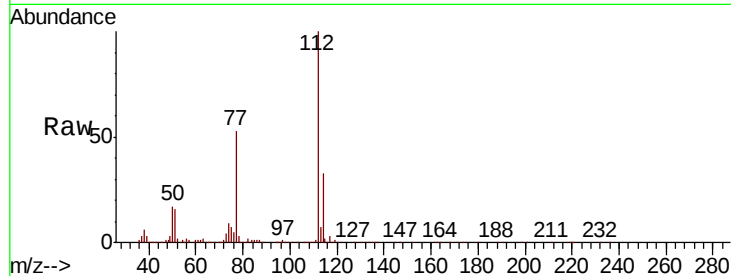
VX1224WBSD01

Tot Ion:112 Resp: 331859

Ion Ratio Lower Upper

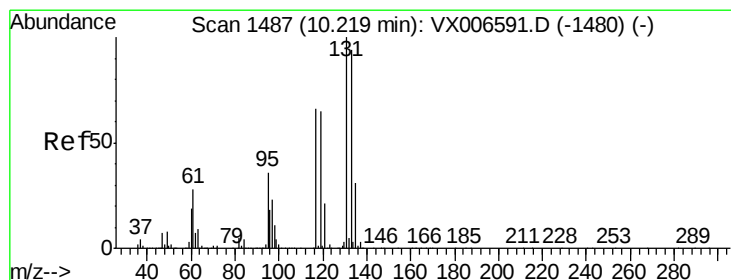
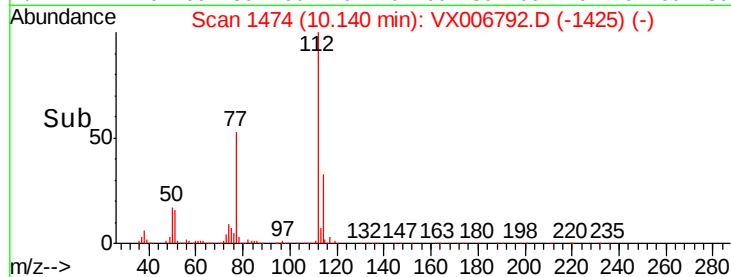
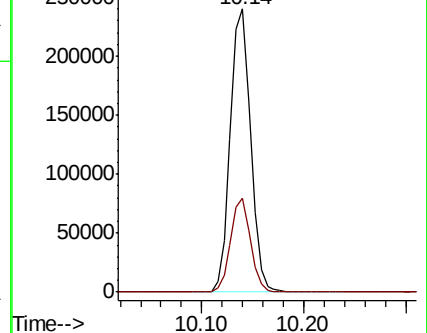
112 100

114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.453 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

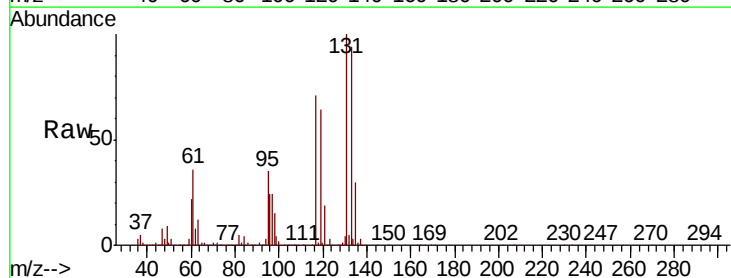
Tgt Ion:131 Resp: 106096

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

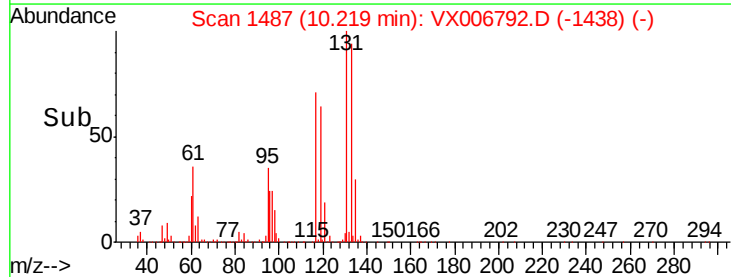
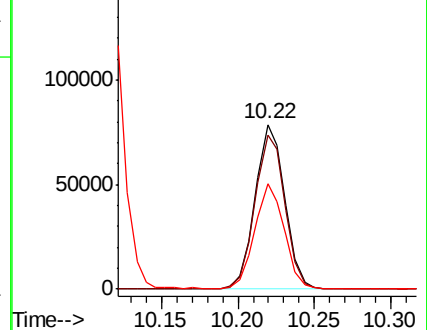
119 63.7 32.6 97.8

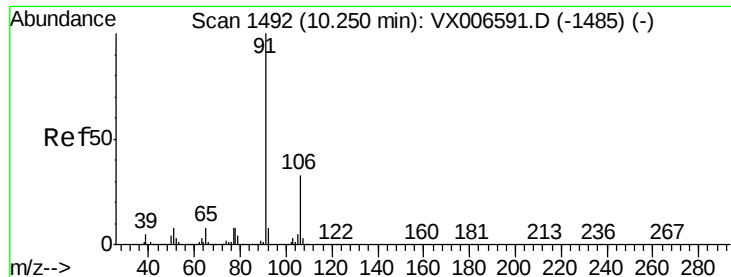


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.023 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

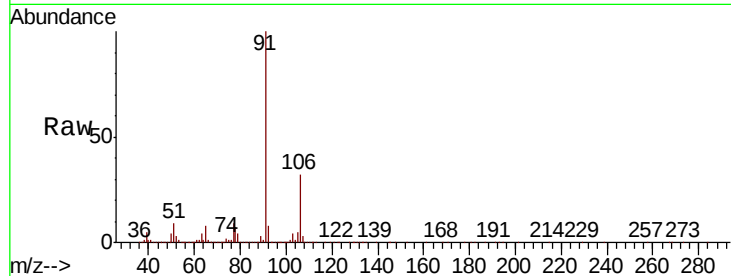
VX1224WBSD01

Tot Ion: 91 Resp: 543988

Ion Ratio Lower Upper

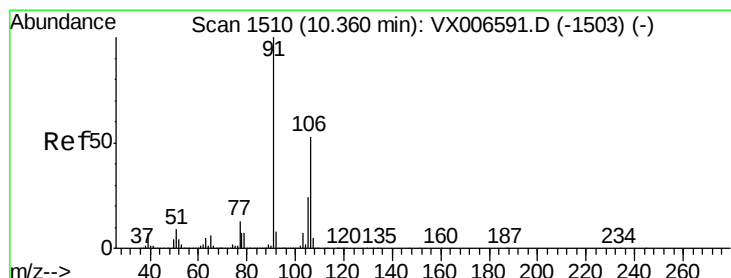
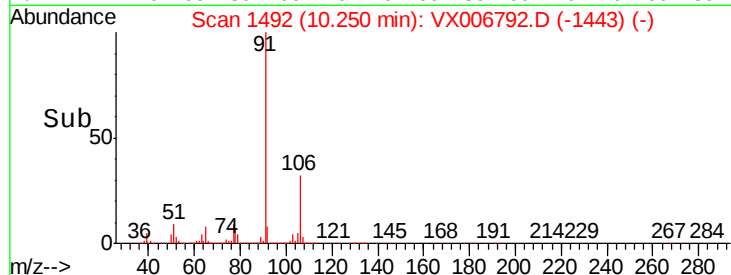
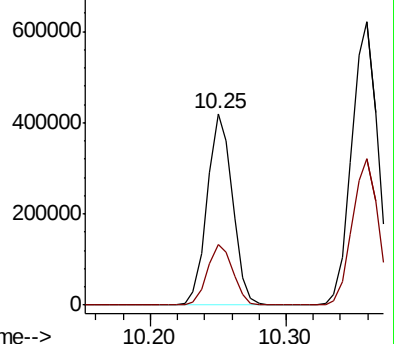
91 100

106 31.9 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.993 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006792.D

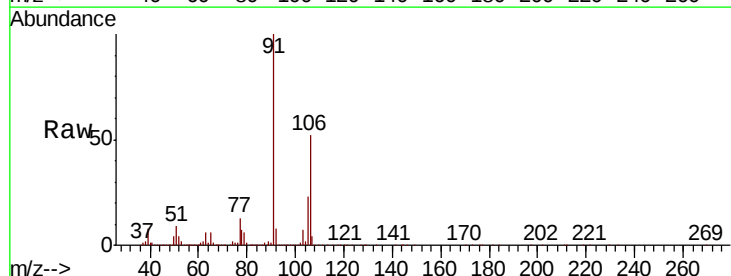
Acq: 24 Dec 2018 13:58

Tgt Ion: 106 Resp: 428743

Ion Ratio Lower Upper

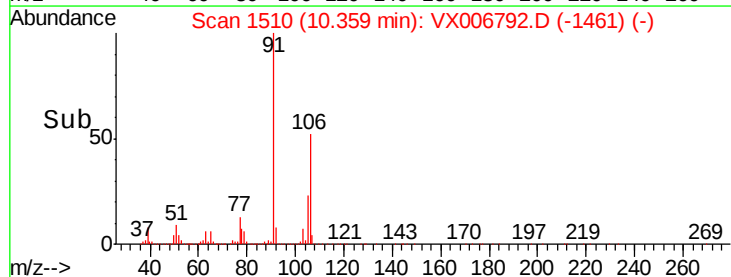
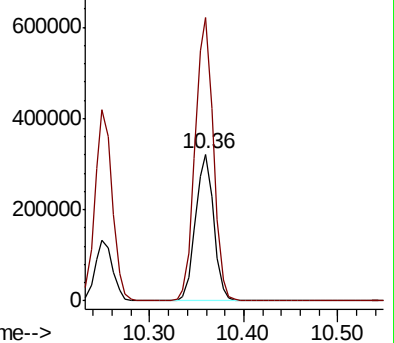
106 100

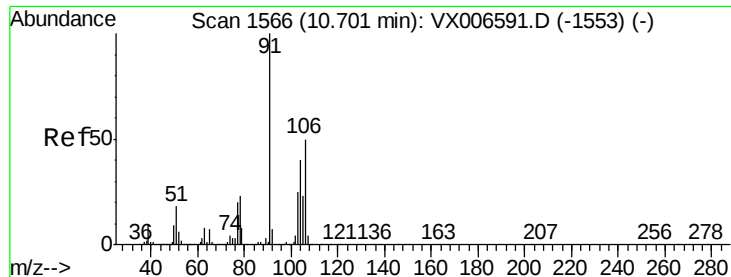
91 194.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

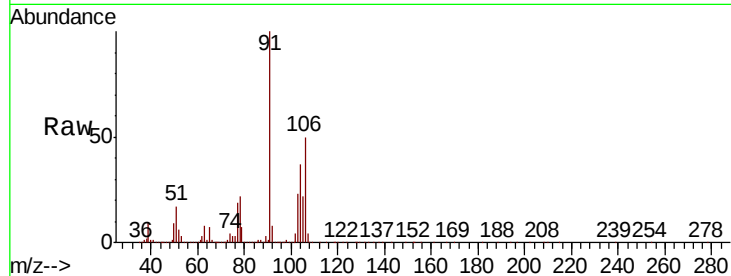




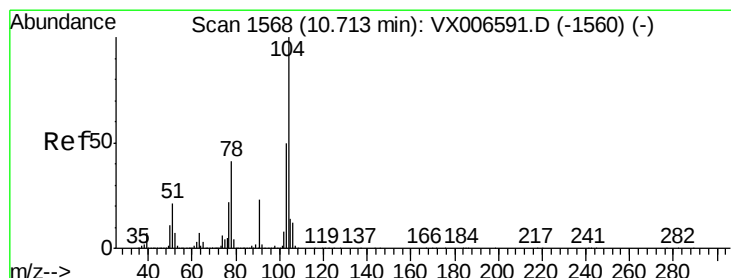
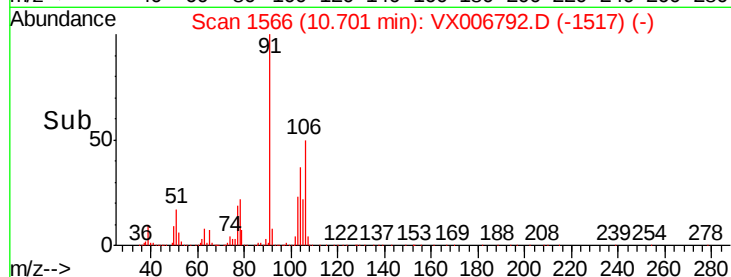
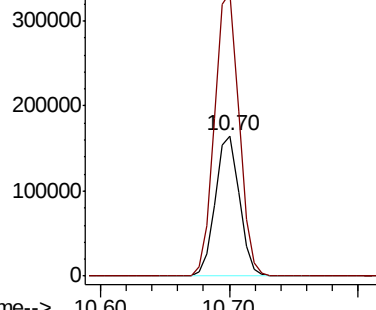
#69
o-Xylene
Concen: 20.025 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion:106 Resp: 211989
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7

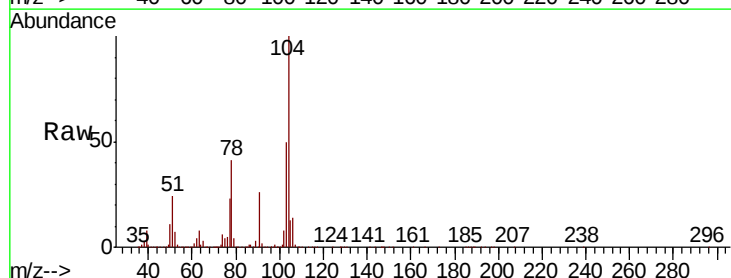


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

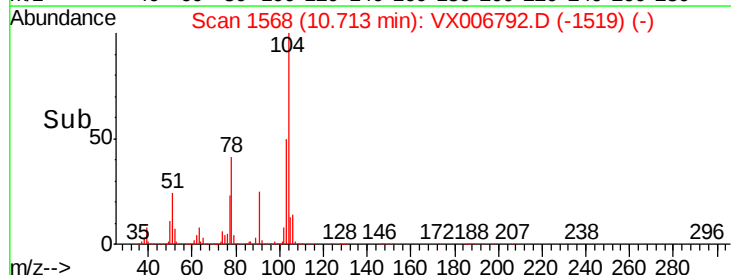
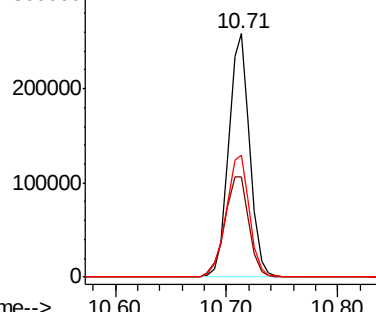


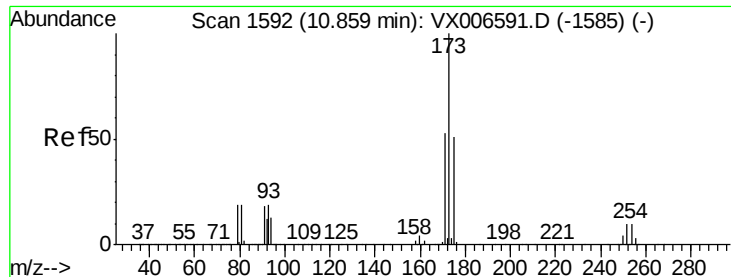
#70
Styrene
Concen: 20.252 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion:104 Resp: 339182
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.8 43.8 65.8



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: 18.213 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

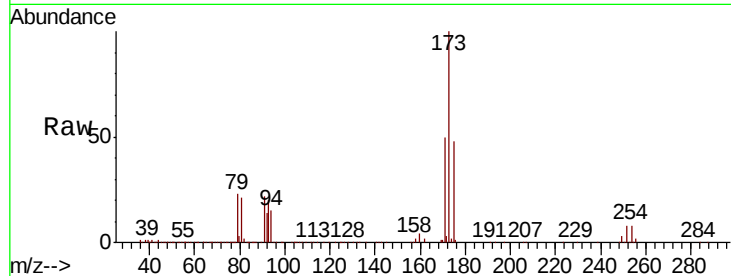
Tot Ion:173 Resp: 70652

Ion Ratio Lower Upper

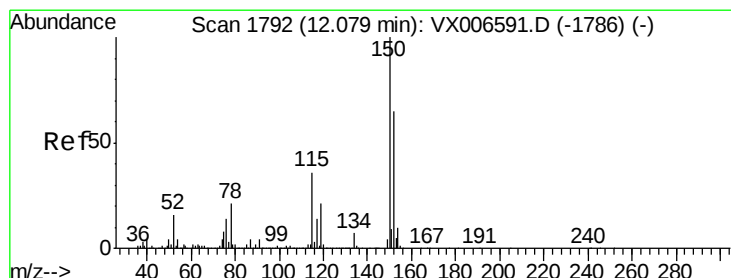
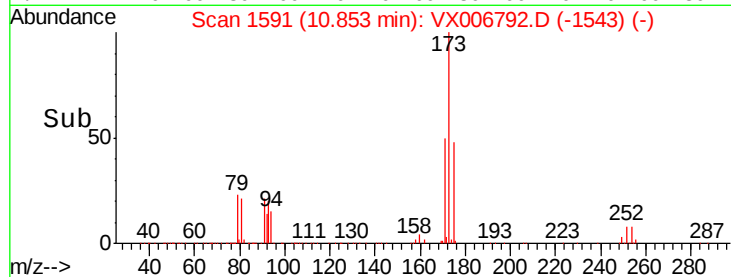
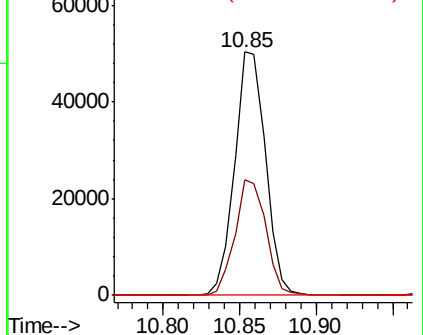
173 100

175 47.7 24.7 74.1

254 0.1 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# 1792

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

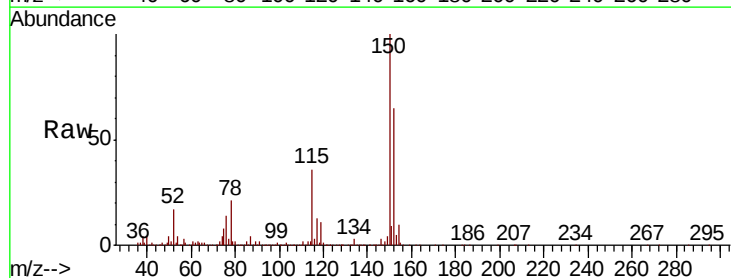
Tgt Ion:152 Resp: 404963

Ion Ratio Lower Upper

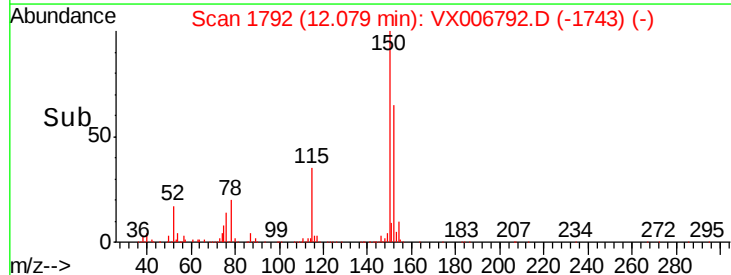
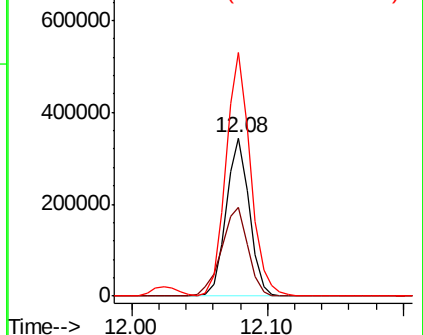
152 100

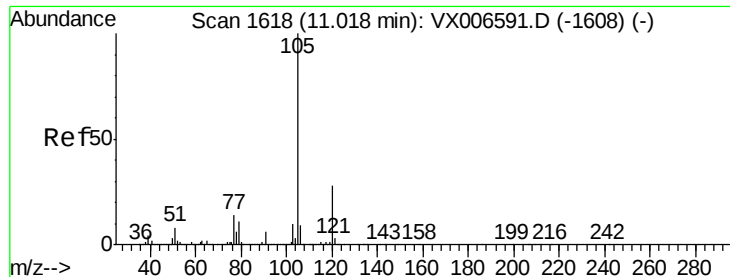
115 63.9 39.1 117.2

150 162.6 0.0 344.8



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: 20.411 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

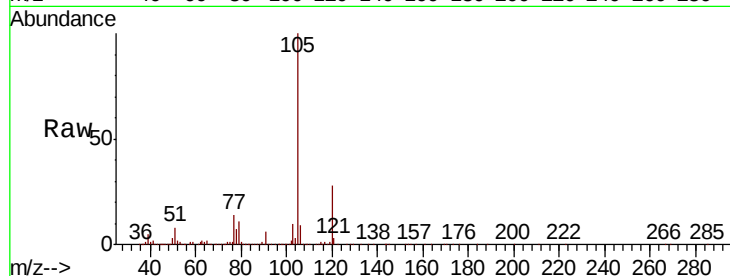
VX1224WBSD01

Tot Ion:105 Resp: 565463

Ion Ratio Lower Upper

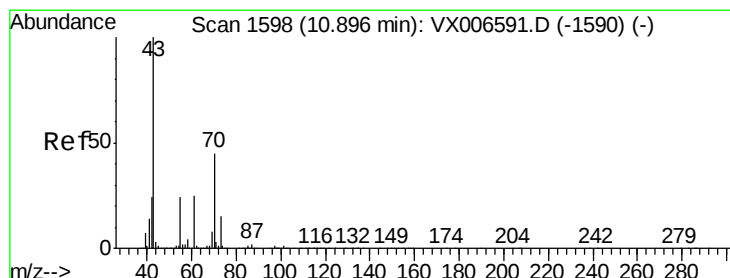
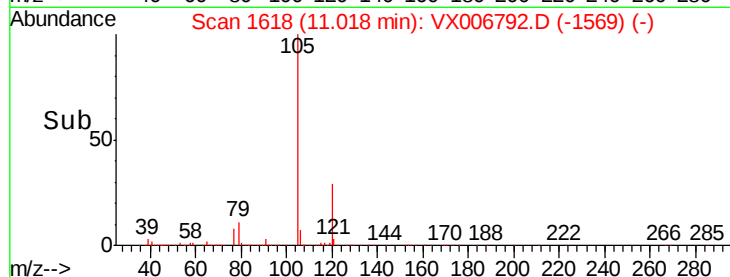
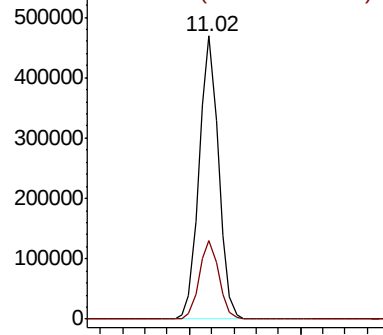
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.956 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion: 43 Resp: 217729

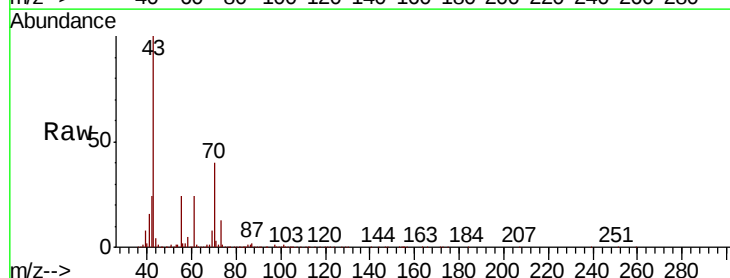
Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 24.3 19.4 29.0

61 24.0 20.1 30.1

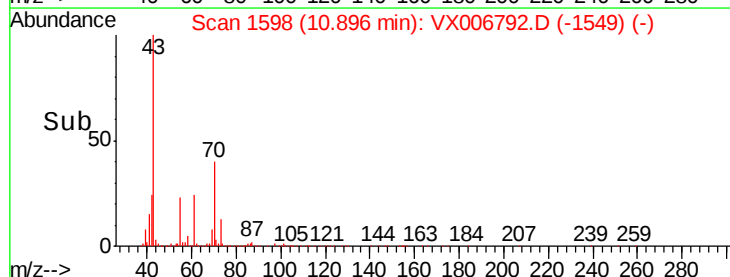
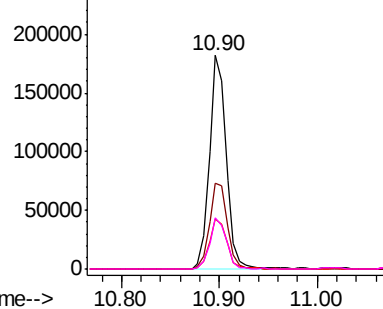


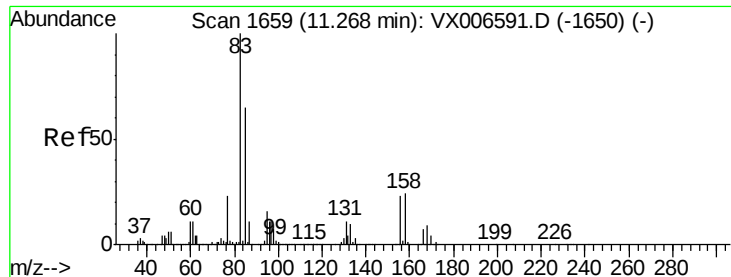
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.977 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

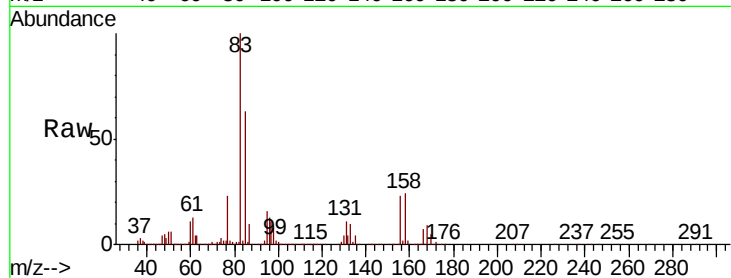
Tot Ion: 83 Resp: 181077

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

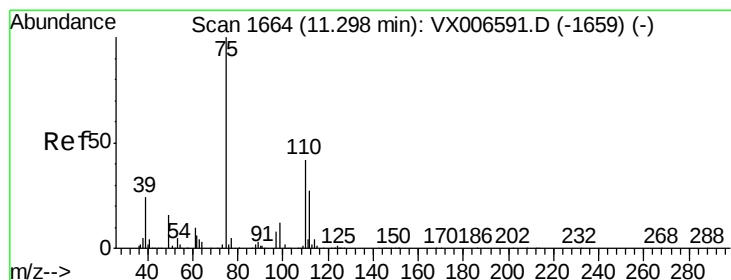
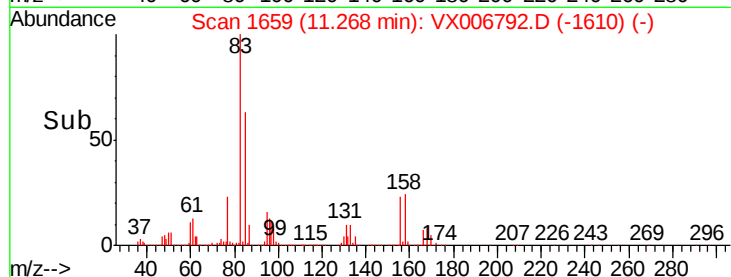
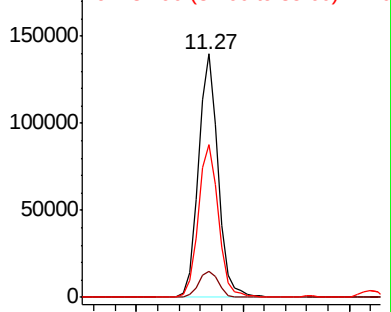
85 64.3 32.2 96.6



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: 24.770 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006792.D

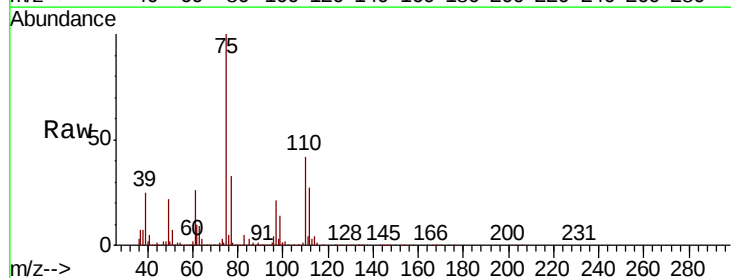
Acq: 24 Dec 2018 13:58

Tgt Ion: 75 Resp: 186416

Ion Ratio Lower Upper

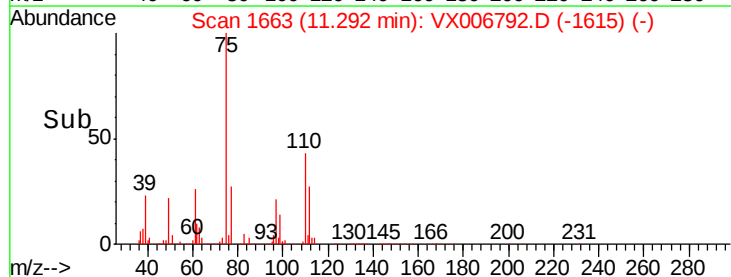
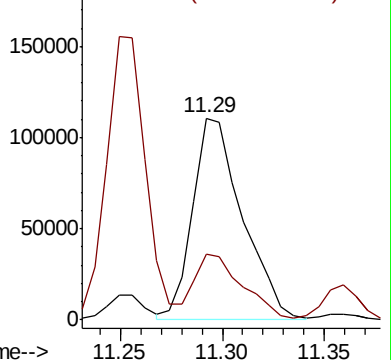
75 100

77 31.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.260 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

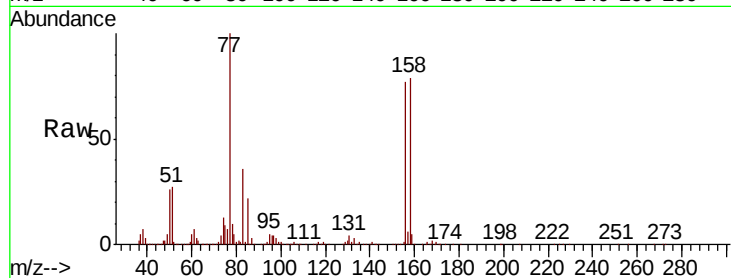
Tot Ion:156 Resp: 151743

Ion Ratio Lower Upper

156 100

77 137.1 68.0 204.0

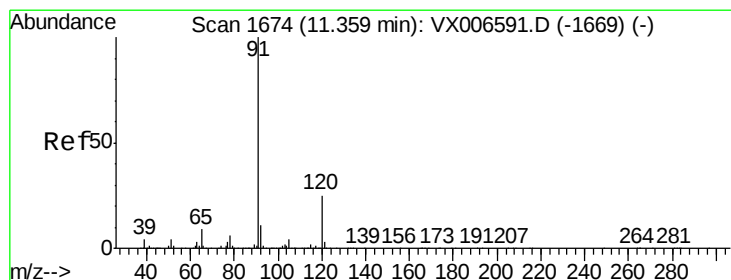
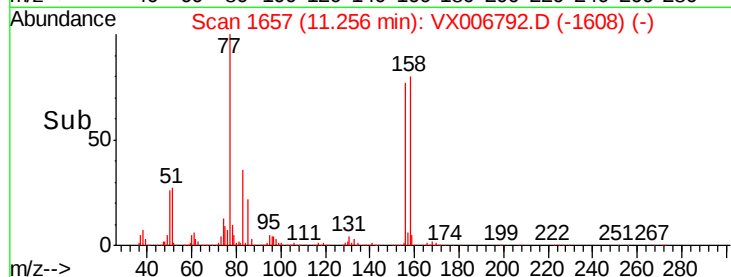
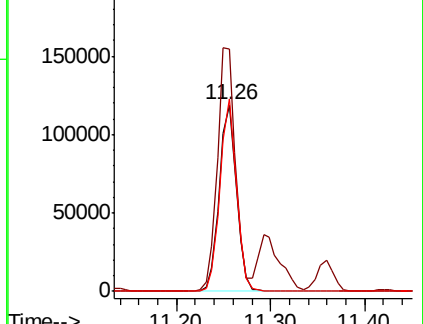
158 99.3 48.3 144.8



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: 20.501 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006792.D

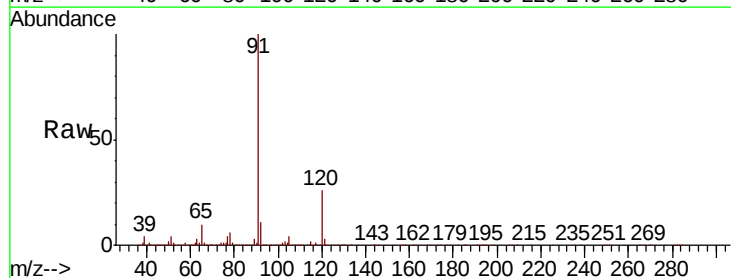
Acq: 24 Dec 2018 13:58

Tgt Ion: 91 Resp: 625451

Ion Ratio Lower Upper

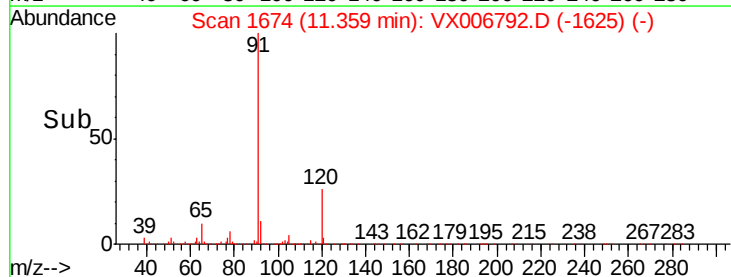
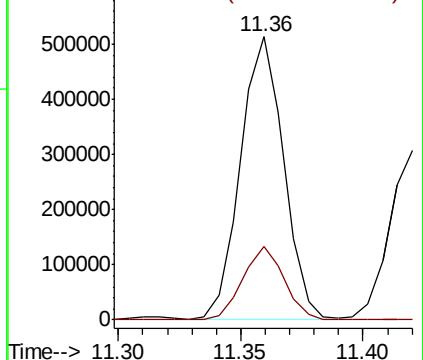
91 100

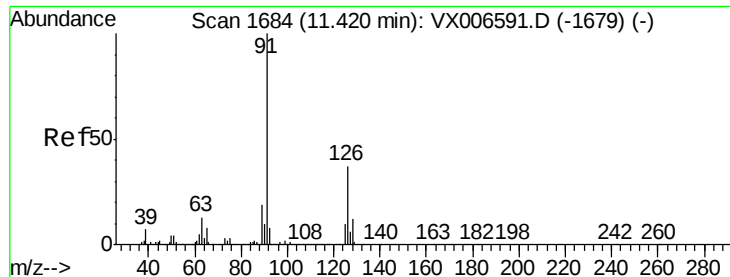
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

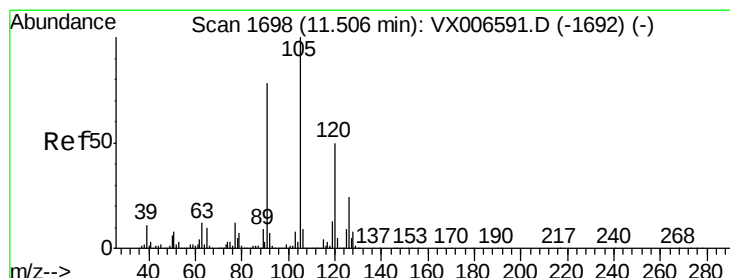
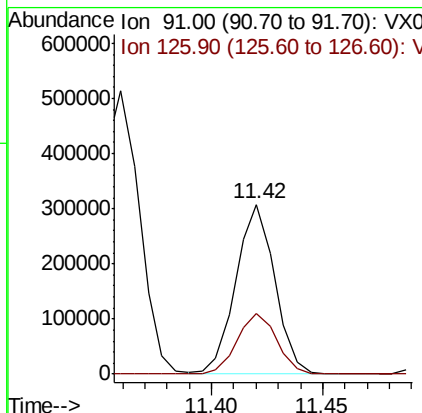
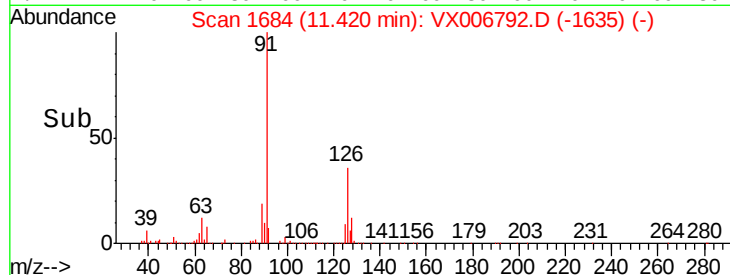
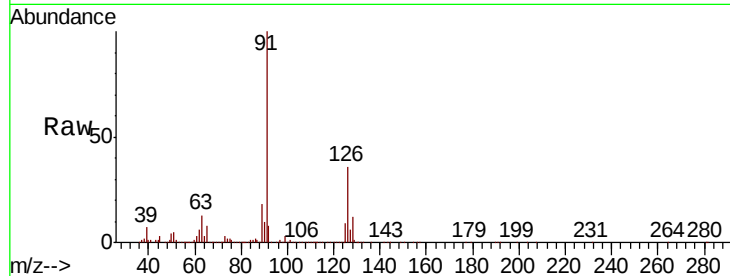




#79
 2-Chlorotoluene
 Concen: 20.217 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

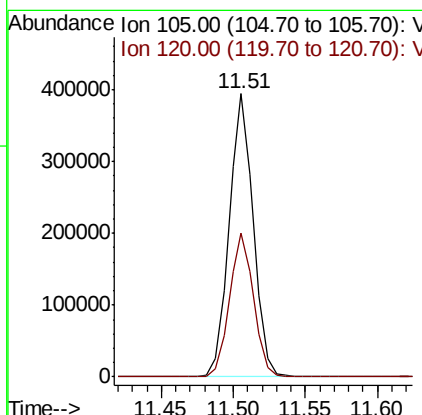
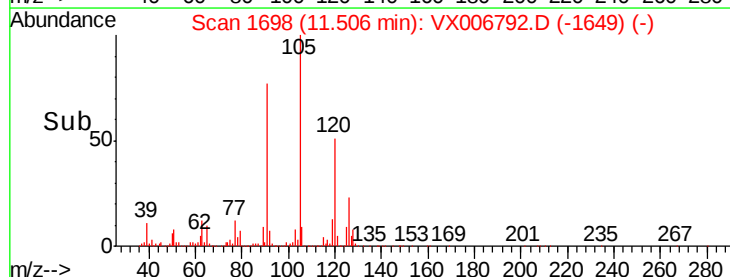
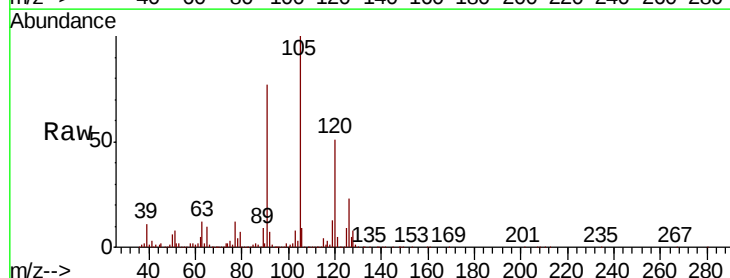
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

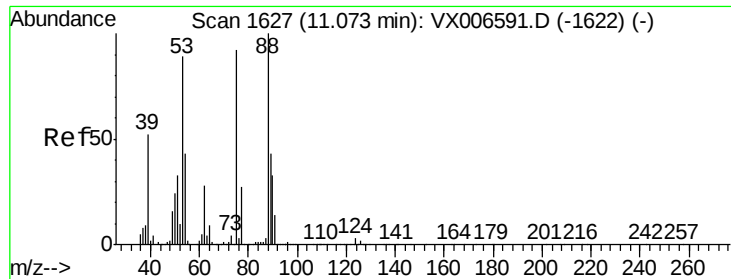
Tot Ion: 91 Resp: 373773
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.261 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion: 105 Resp: 462332
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3

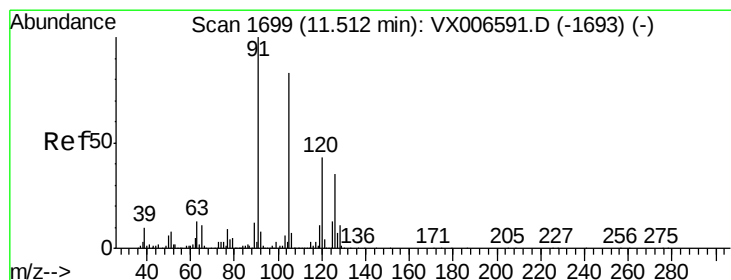
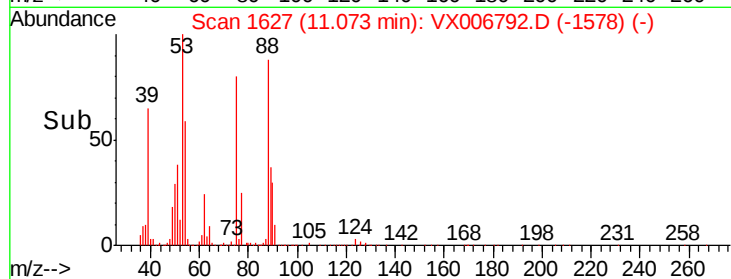
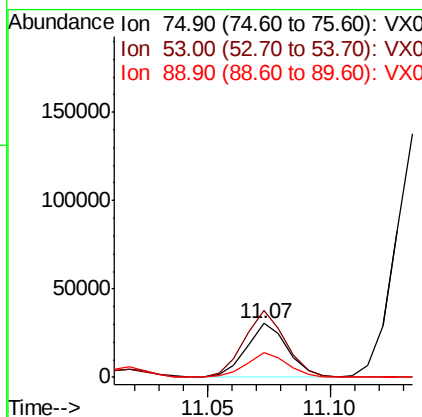
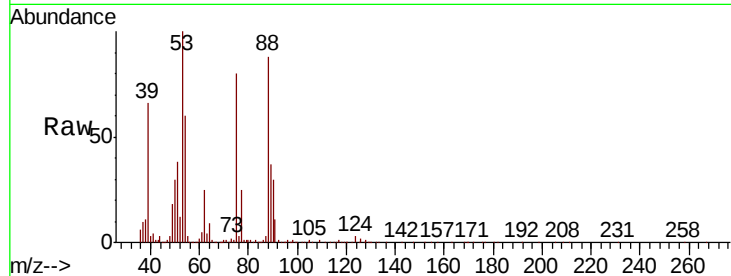




#81
trans-1,4-Dichloro-2-butene
Concen: 17.262 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

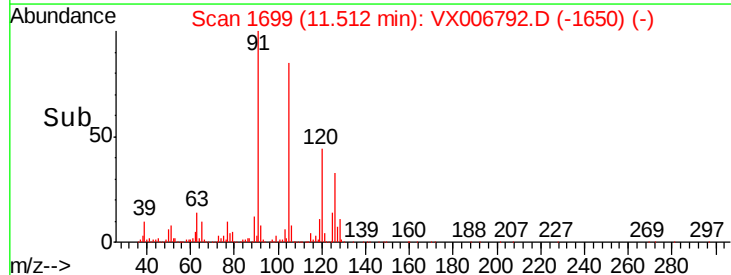
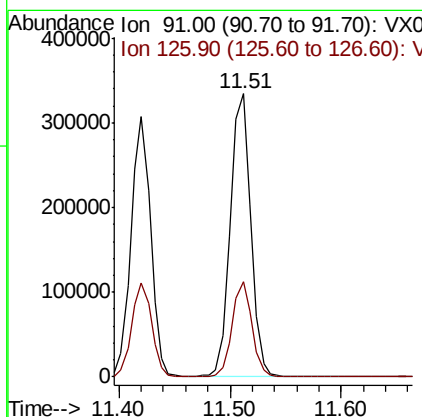
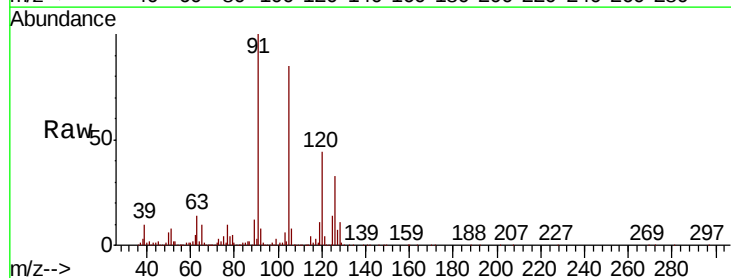
Instrument :
MSVOA_X
ClientSampled :
VX1224WBSD01

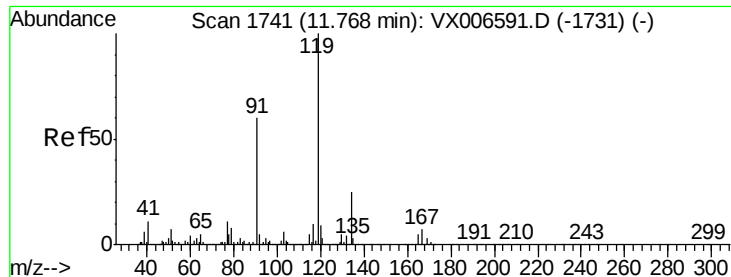
Tot Ion: 75 Resp: 35203
Ion Ratio Lower Upper
75 100
53 125.6 79.7 119.5#
89 47.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 20.016 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 91 Resp: 424474
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.315 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

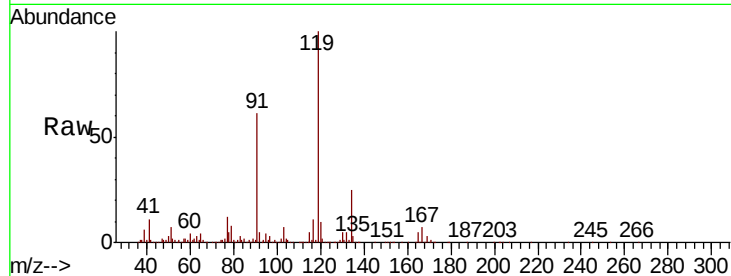
Tot Ion:119 Resp: 463955

Ion Ratio Lower Upper

119 100

91 56.3 27.7 83.1

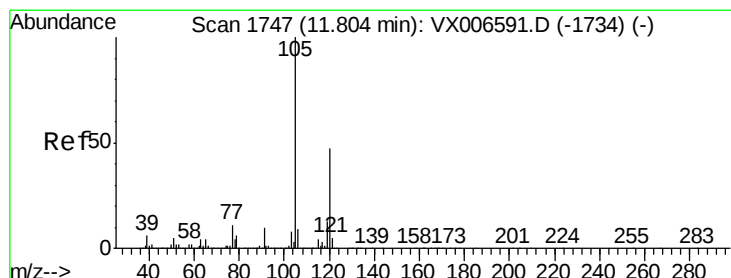
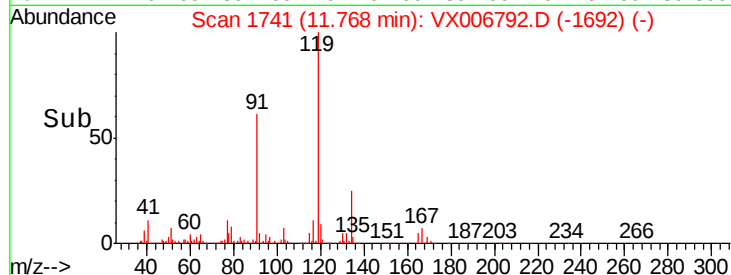
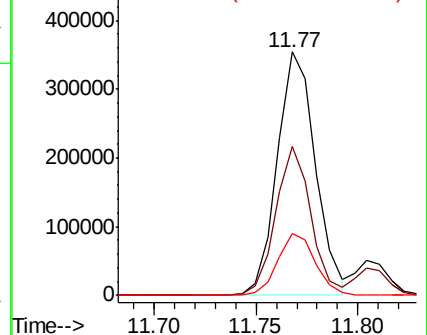
134 24.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.699 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006792.D

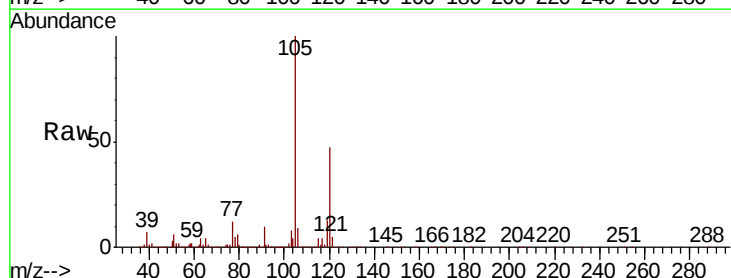
Acq: 24 Dec 2018 13:58

Tgt Ion:105 Resp: 472822

Ion Ratio Lower Upper

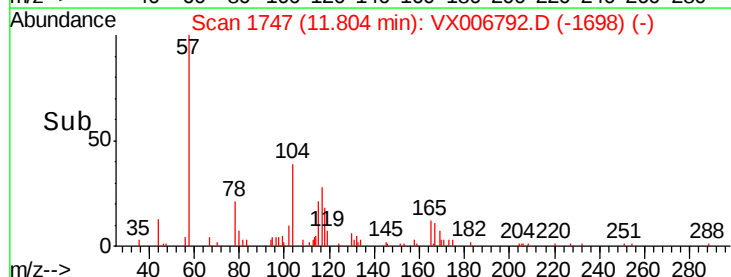
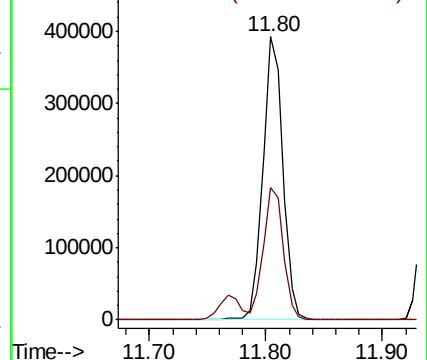
105 100

120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

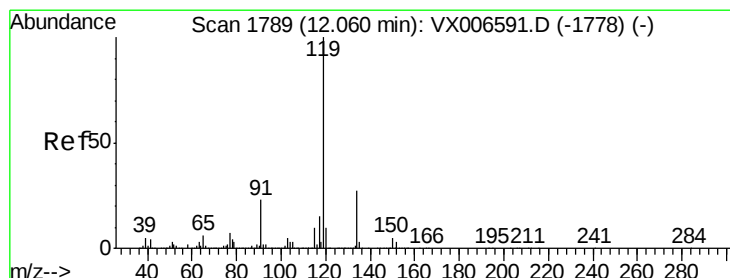
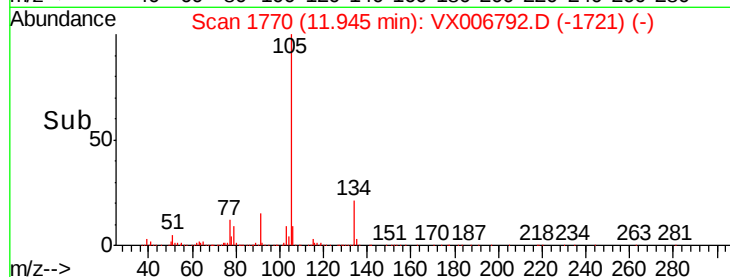
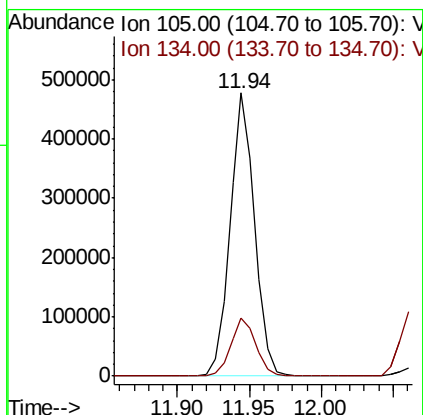
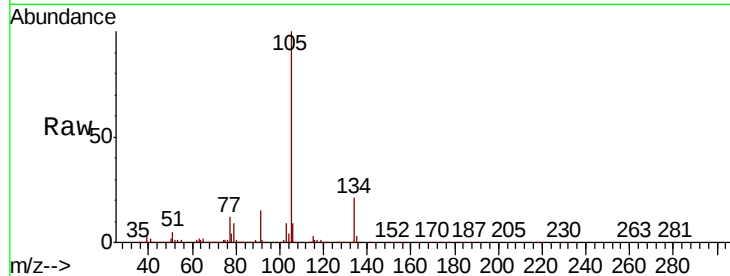




#85
 sec-Butylbenzene
 Concen: 20.263 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

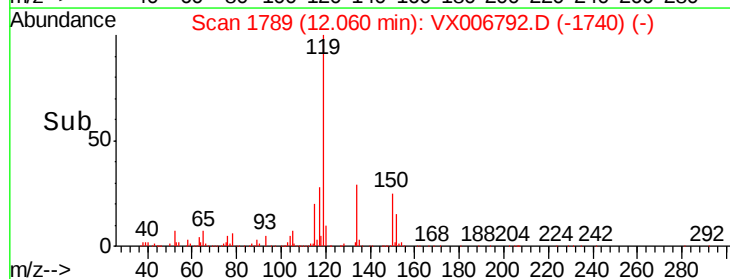
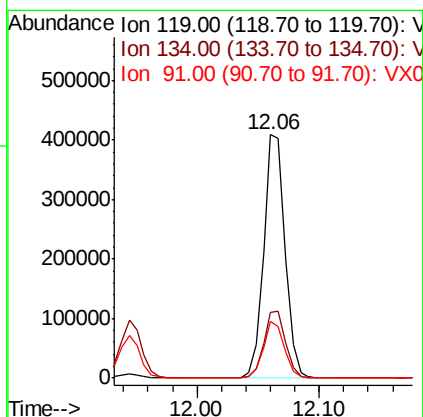
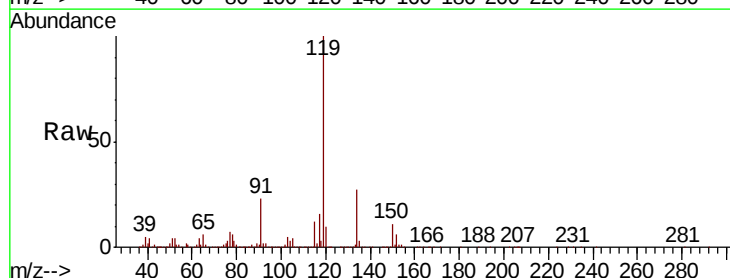
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224WBSD01

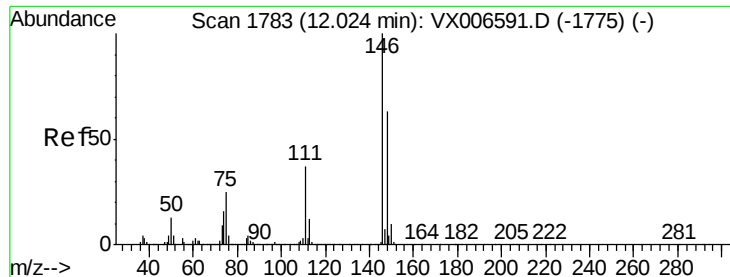
Tot Ion:105 Resp: 567383
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.230 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion:119 Resp: 497950
 Ion Ratio Lower Upper
 119 100
 134 27.9 14.0 41.9
 91 22.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.214 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

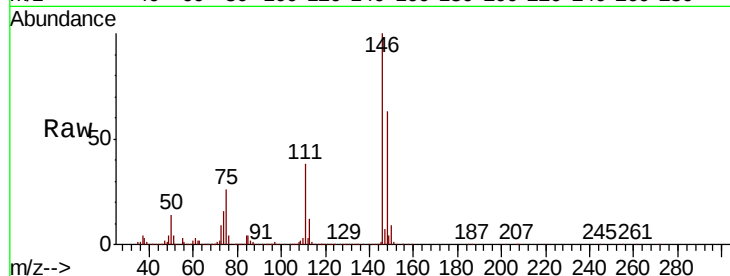
Tot Ion:146 Resp: 272867

Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

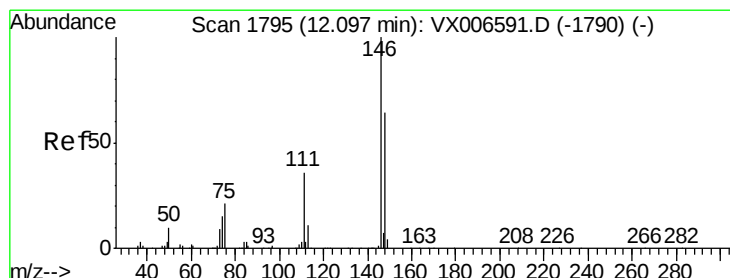
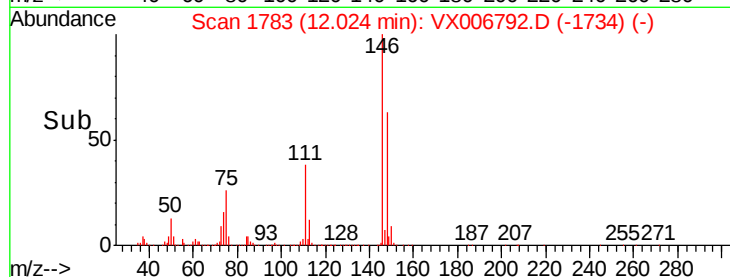
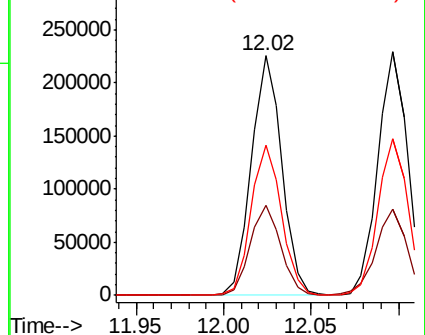
148 62.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.819 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

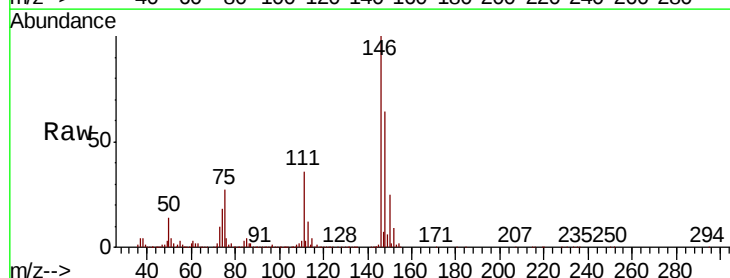
Tgt Ion:146 Resp: 274253

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

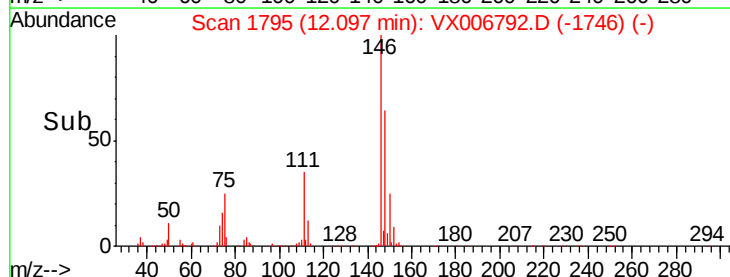
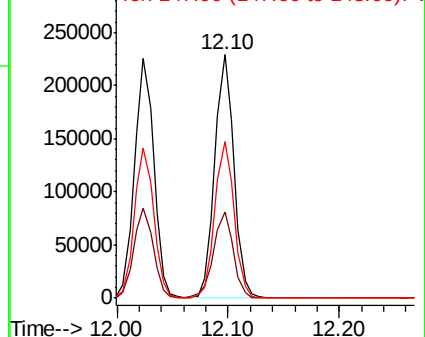
148 64.5 31.9 95.9

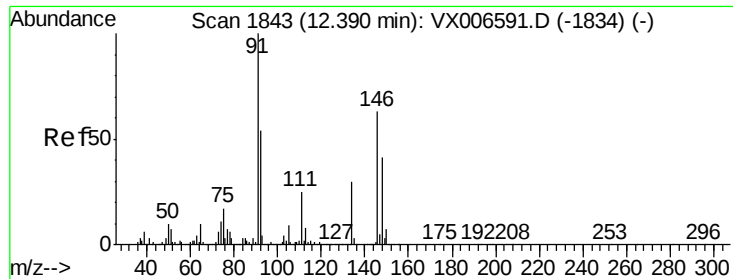


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

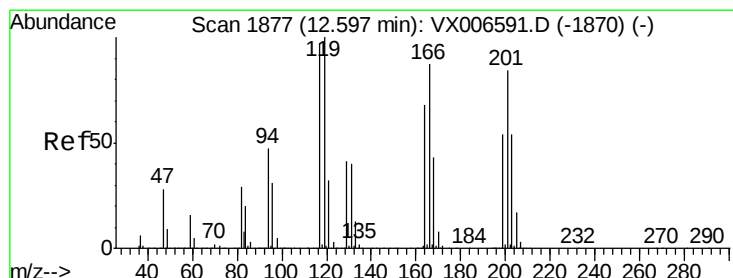
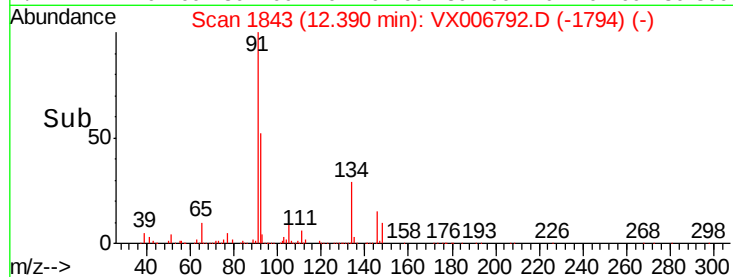
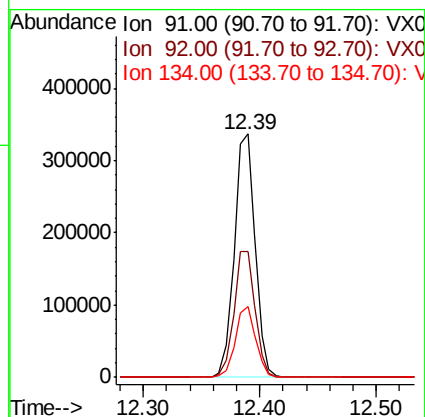
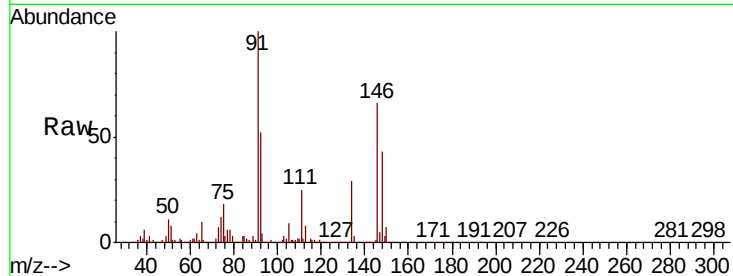




#89
n-Butylbenzene
Concen: 20.003 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

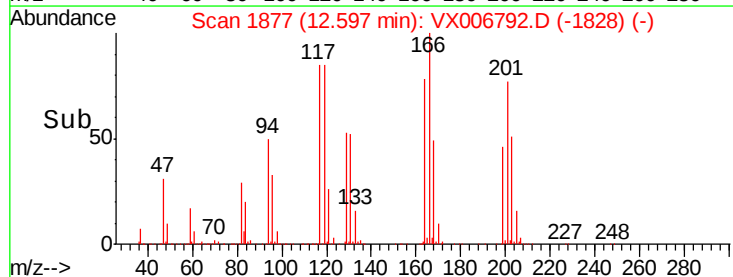
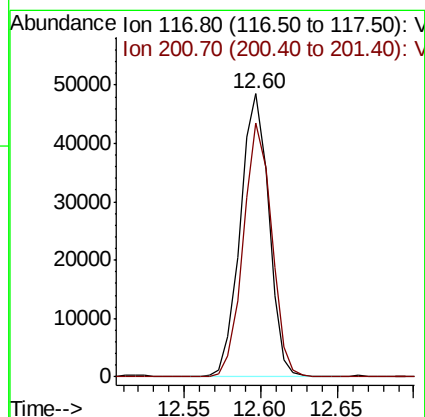
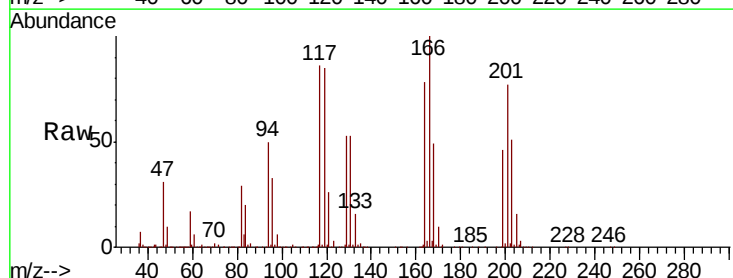
Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

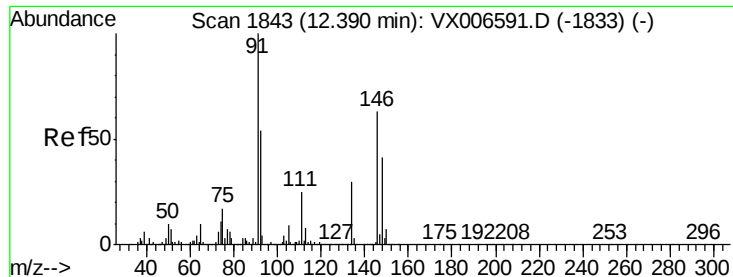
Tot Ion: 91 Resp: 419023
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 18.612 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion: 117 Resp: 63171
Ion Ratio Lower Upper
117 100
201 88.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 20.217 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

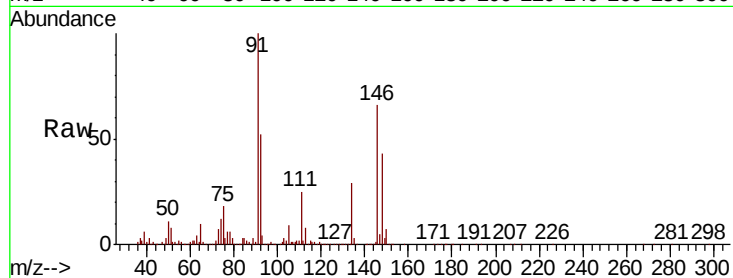
Tot Ion:146 Resp: 272995

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

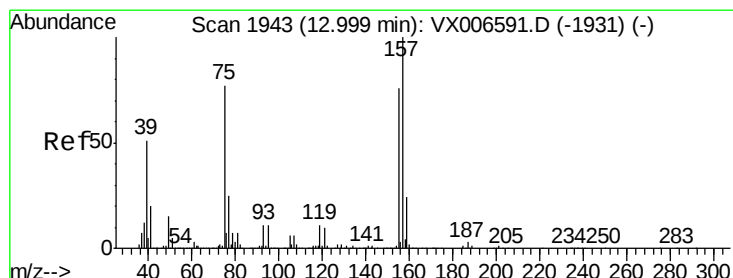
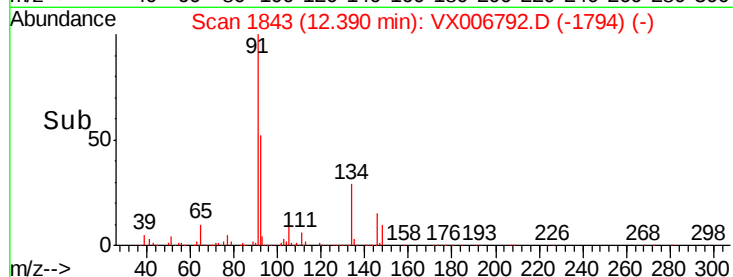
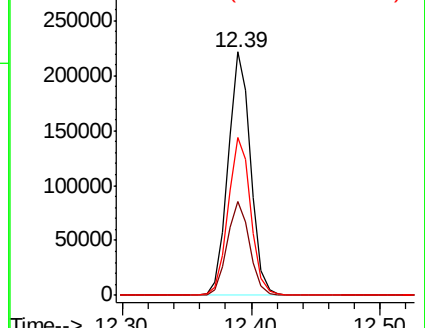
148 65.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.310 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

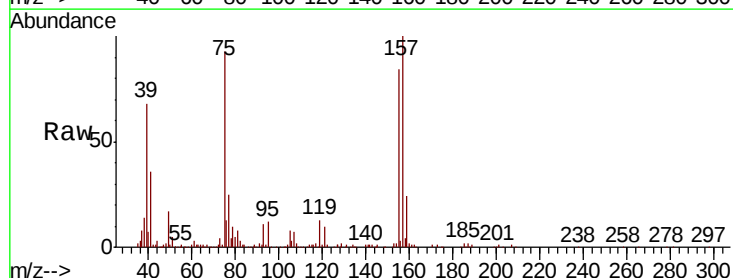
Tgt Ion: 75 Resp: 32920

Ion Ratio Lower Upper

75 100

155 99.9 50.6 151.8

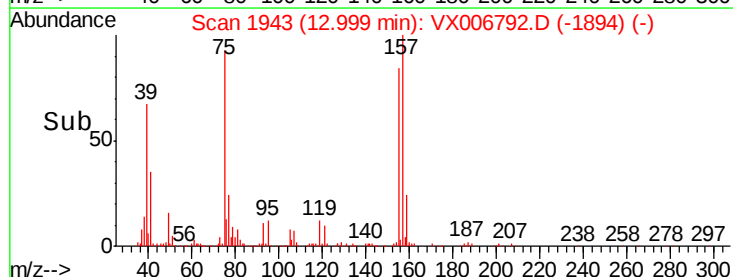
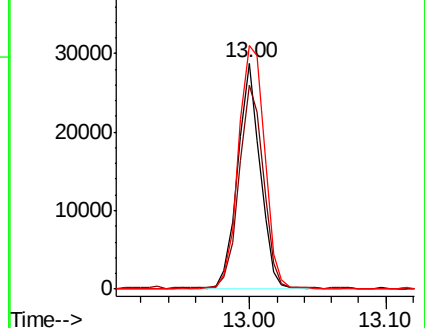
157 127.4 64.6 193.8

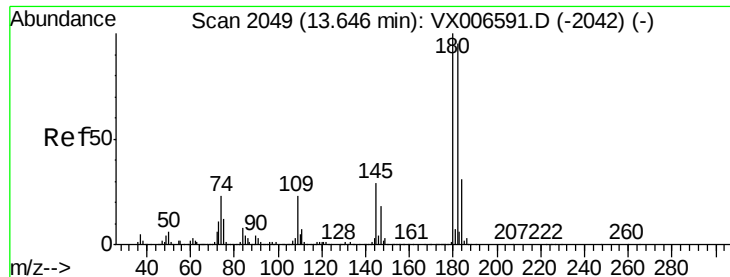


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

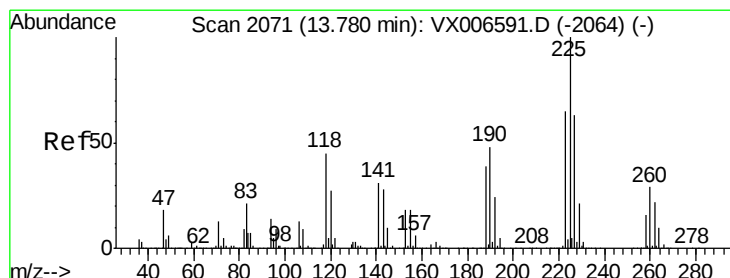
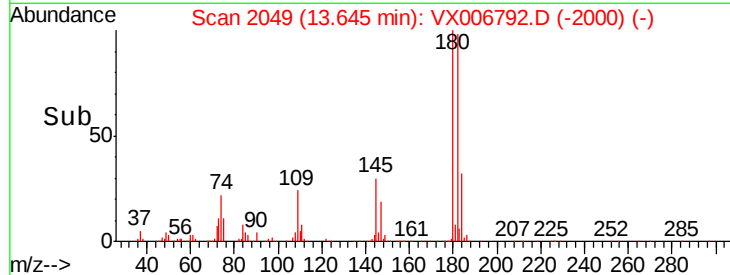
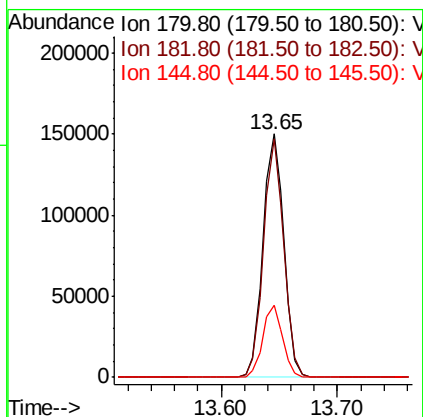
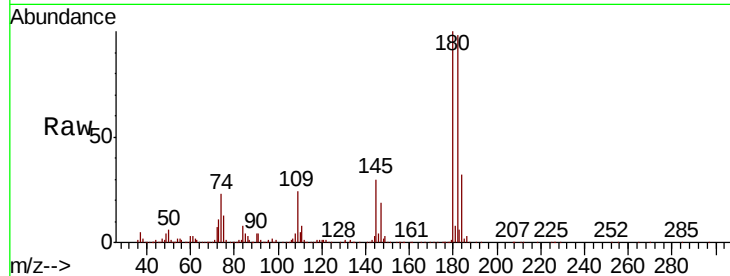




#93
 1,2,4-Trichlorobenzene
 Concen: 20.253 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

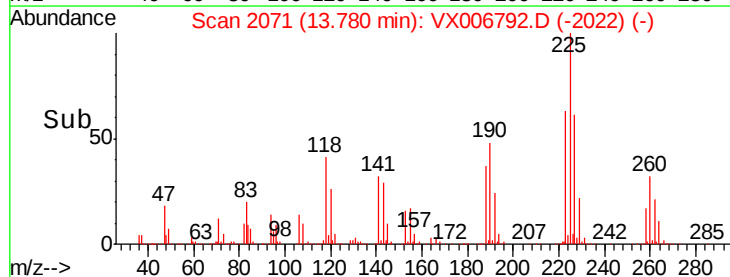
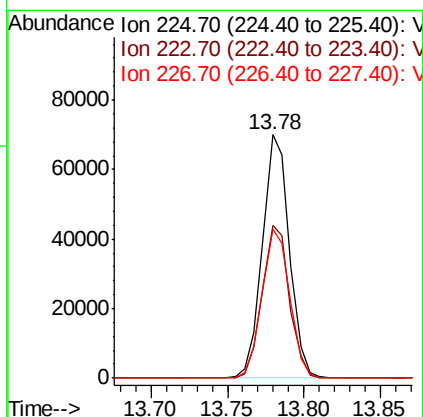
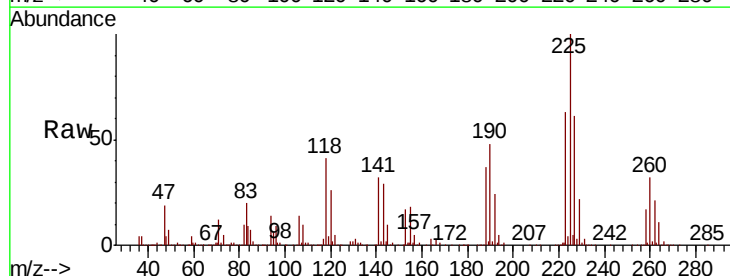
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	28.6	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 19.696 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.1	96.3
227	63.2	32.3	96.8

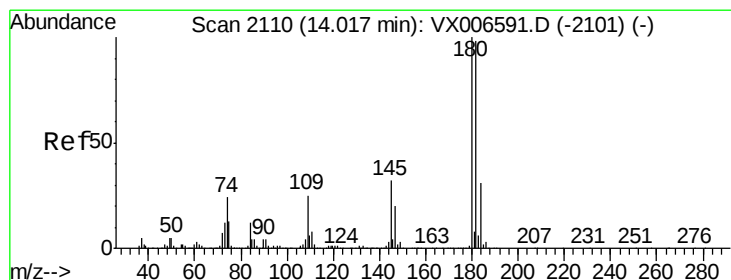
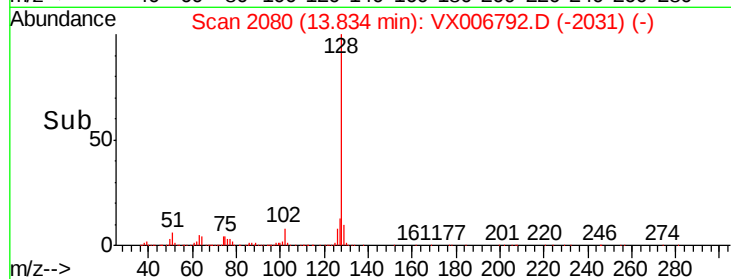
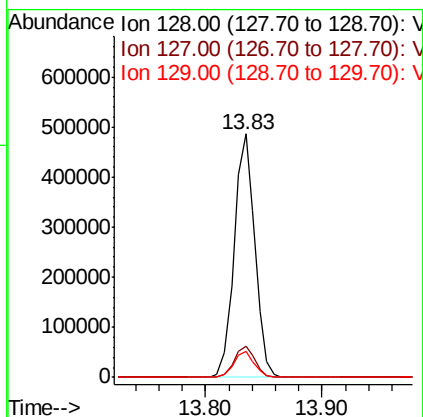
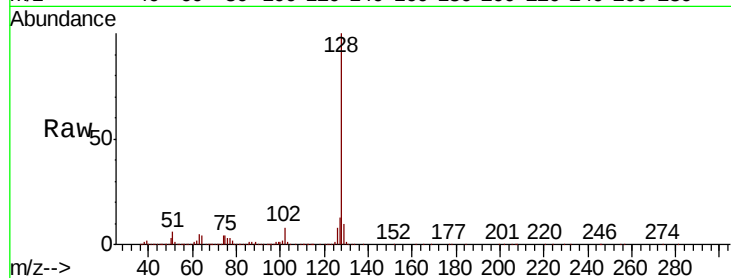




#95
Naphthalene
Concen: 20.123 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion:128 Resp: 598241
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion:180 Resp: 191734
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.5
145 30.4 16.0 47.9

