

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007392.D
 Acq On : 06 Feb 2019 11:58
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Quant Time: Feb 06 23:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	492597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	638913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351147	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	242250	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
35) Dibromofluoromethane	5.50	113	212611	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	814425	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	301620	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111161	18.476	ug/l	99
3) Chloromethane	1.32	50	98047	17.671	ug/l	100
4) Vinyl Chloride	1.41	62	99488	18.278	ug/l	98
5) Bromomethane	1.64	94	75199	13.615	ug/l	100
6) Chloroethane	1.70	64	66430	18.866	ug/l	94
7) Trichlorofluoromethane	1.88	101	119884	14.079	ug/l	97
8) Diethyl Ether	2.20	74	58588	18.281	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.34	101	94565	18.670	ug/l	99
10) Methyl Iodide	2.48	142	122476	16.438	ug/l	98
11) Tert butyl alcohol	3.22	59	115421	106.669	ug/l #	1
12) 1,1-Dichloroethene	2.34	96	82111	17.458	ug/l	97
13) Acrolein	2.31	56	45111	88.906	ug/l	99
14) Allyl chloride	2.71	41	137789	17.980	ug/l	99
15) Acrylonitrile	3.17	53	245538	91.730	ug/l	99
16) Acetone	2.48	43	209734	87.570	ug/l	98
17) Carbon Disulfide	2.53	76	181863	16.281	ug/l	99
18) Methyl Acetate	2.79	43	138005	22.446	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	281802	18.494	ug/l	95
20) Methylene Chloride	2.84	84	92580	18.678	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	87151	17.395	ug/l	98
22) Diisopropyl ether	3.89	45	255079	18.095	ug/l	93
23) Vinyl Acetate	3.82	43	943399	80.649	ug/l	100
24) 1,1-Dichloroethane	3.68	63	158808	19.617	ug/l	99
25) 2-Butanone	4.73	43	300481	88.158	ug/l	99
26) 2,2-Dichloropropane	4.57	77	110117	17.862	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	93801	17.141	ug/l	99
28) Bromochloromethane	5.01	49	65089	17.484	ug/l	99
29) Tetrahydrofuran	5.17	42	200548	93.553	ug/l	98
30) Chloroform	5.21	83	146491	17.342	ug/l	93
31) Cyclohexane	5.56	56	132954	18.286	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	127428	17.871	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108987	17.560	ug/l	99
37) Ethyl Acetate	4.87	43	117852	18.784	ug/l	99
38) Carbon Tetrachloride	5.77	117	107604	17.870	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139514	18.578	ug/l	97
40) Benzene	6.13	78	339513	18.570	ug/l	99
41) Methacrylonitrile	5.07	41	61893	18.406	ug/l	97
42) 1,2-Dichloroethane	6.20	62	117325	18.547	ug/l	97
43) Isopropyl Acetate	6.47	43	178338	18.415	ug/l	99
44) Trichloroethene	7.21	130	99865	18.136	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83884	18.312	ug/l	100
46) Dibromomethane	7.66	93	59168	17.771	ug/l	99
47) Bromodichloromethane	7.90	83	93214	16.520	ug/l	98
48) Methyl methacrylate	7.78	41	90116	18.603	ug/l	98
49) 1,4-Dioxane	7.79	88	44108	404.515	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	611617	95.937	ug/l	98
52) Toluene	8.78	92	218587	18.531	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105148	17.348	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118155	17.727	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90079	18.320	ug/l	96
56) Ethyl methacrylate	9.18	69	120917	17.755	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144359	18.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350446	97.630	ug/l	99
59) 2-Hexanone	9.51	43	481412	97.040	ug/l	100
60) Dibromochloromethane	9.59	129	77288	16.620	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94549	18.157	ug/l	100
64) Tetrachloroethene	9.33	164	99904	16.590	ug/l	97
65) Chlorobenzene	10.14	112	244187	17.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	83193	17.797	ug/l	98
67) Ethyl Benzene	10.25	91	400701	17.847	ug/l	96
68) m/p-Xylenes	10.36	106	318051	35.635	ug/l	99
69) o-Xylene	10.70	106	158170	18.417	ug/l	99
70) Styrene	10.71	104	248246	17.823	ug/l	99
71) Bromoform	10.86	173	58200	17.081	ug/l	99
73) Isopropylbenzene	11.02	105	418840	17.552	ug/l	99
74) N-amyl acetate	10.90	43	165477	17.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141244	19.422	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	149161	21.838	ug/l	79
77) Bromobenzene	11.26	156	113652	16.904	ug/l	98
78) n-propylbenzene	11.36	91	453977	17.350	ug/l	99
79) 2-Chlorotoluene	11.42	91	280414	17.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	349362	17.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32793	17.814	ug/l	96
82) 4-Chlorotoluene	11.51	91	322308	17.544	ug/l	100
83) tert-Butylbenzene	11.77	119	352216	18.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360385	18.183	ug/l	100
85) sec-Butylbenzene	11.94	105	421230	18.007	ug/l	100
86) p-Isopropyltoluene	12.07	119	371997	17.616	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207045	17.159	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	213662	17.454	ug/l	100
89) n-Butylbenzene	12.39	91	293197	16.140	ug/l	99
90) Hexachloroethane	12.60	117	55225	17.474	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	216744	18.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25282	16.719	ug/l	93

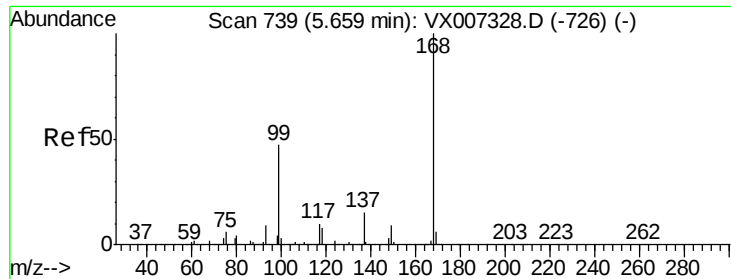
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	17.566	ug/l	99
94) Hexachlorobutadiene	13.78	225	72522	18.443	ug/l	97
95) Naphthalene	13.83	128	444540	18.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147947	18.150	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

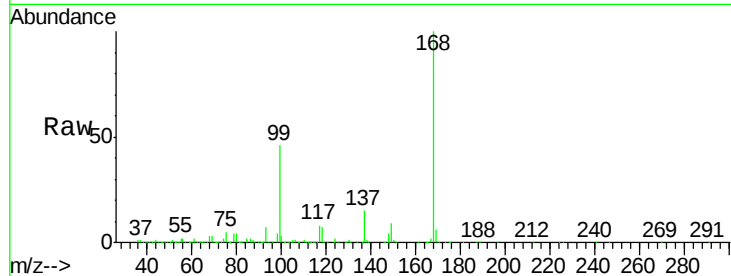
VX0206WBS01

Tot Ion:168 Resp: 492597

Ion Ratio Lower Upper

168 100

99 45.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

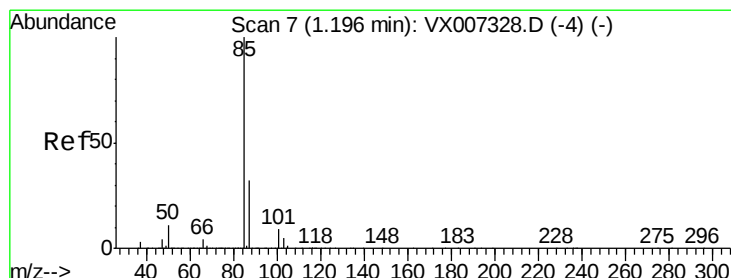
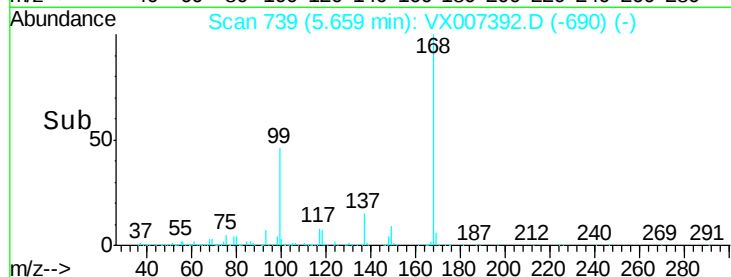
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.476 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007392.D

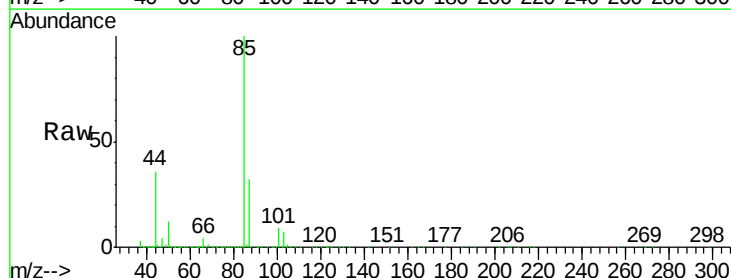
Acq: 06 Feb 2019 11:58

Tgt Ion: 85 Resp: 111161

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

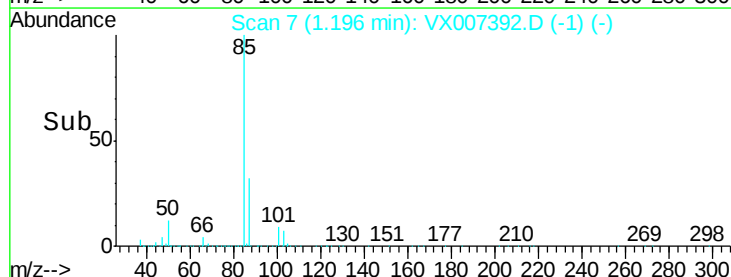
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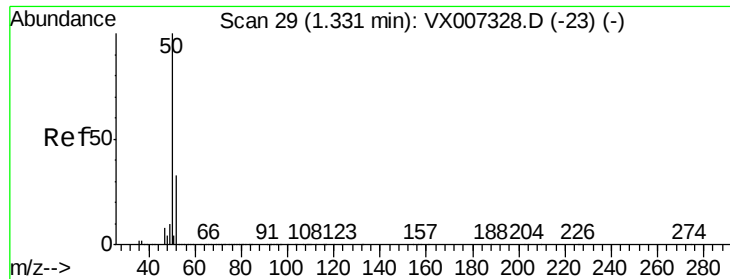
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0

1.15 1.20 1.25 1.30

Time-->

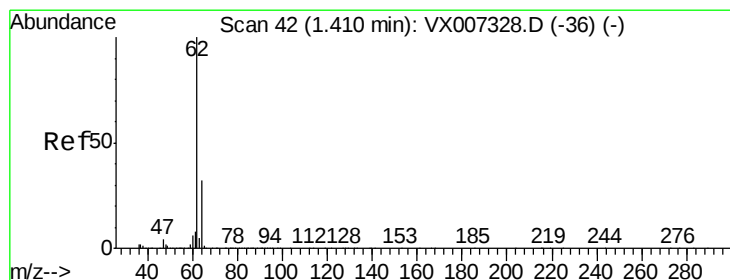
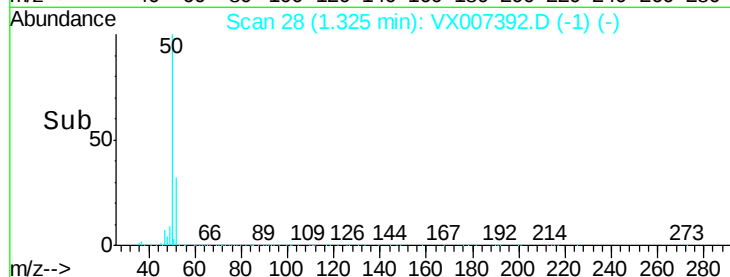
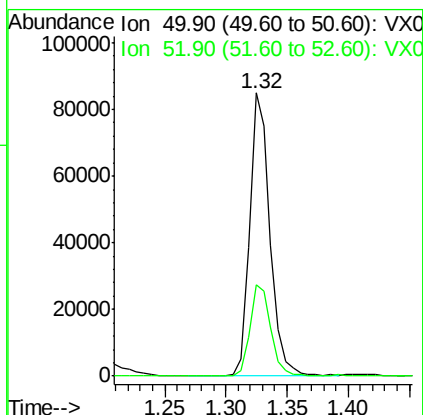
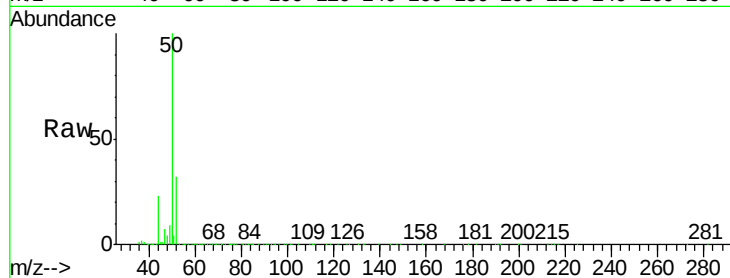




#3
Chloromethane
Concen: 17.671 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

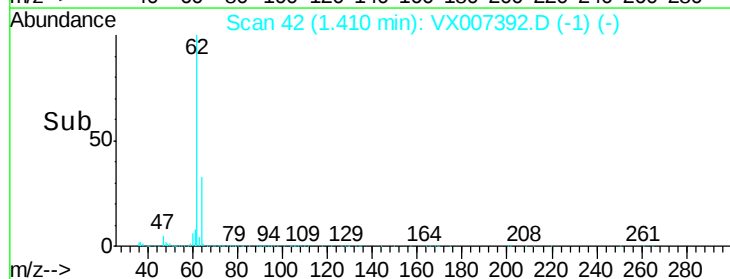
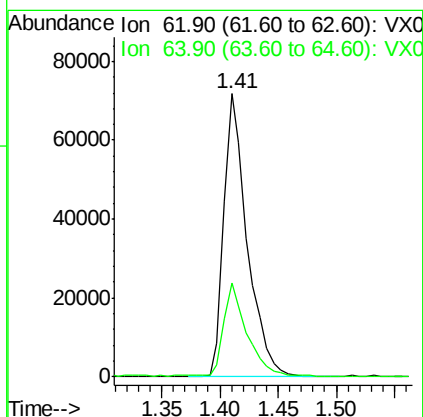
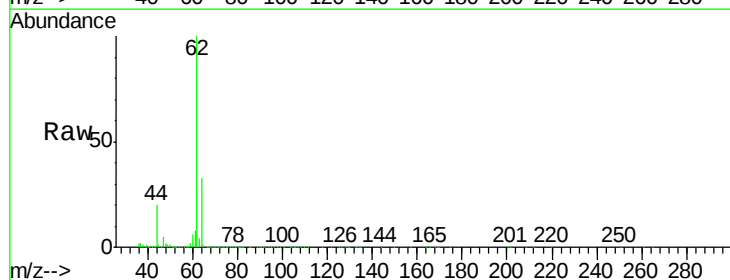
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

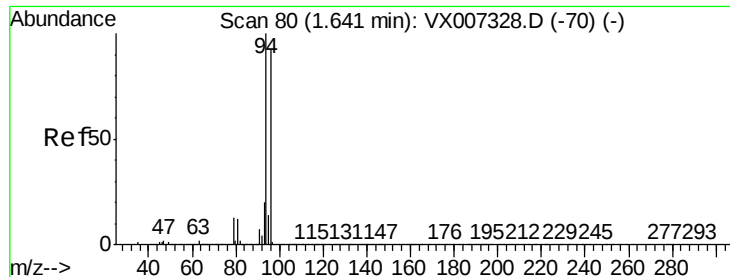
Tot Ion: 50 Resp: 98047
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 18.278 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 62 Resp: 99488
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5

Bromomethane

Concen: 13.615 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

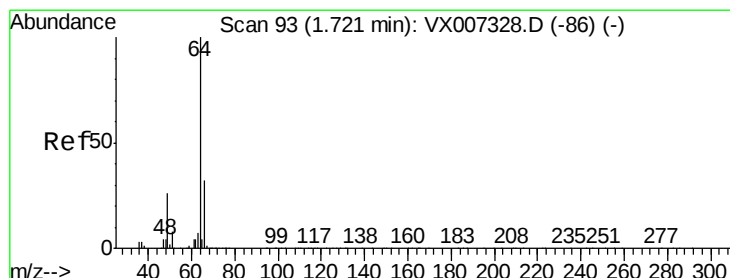
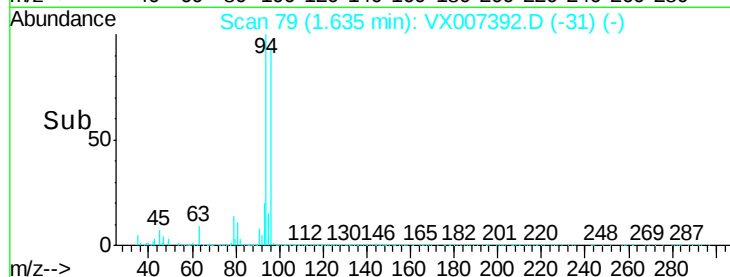
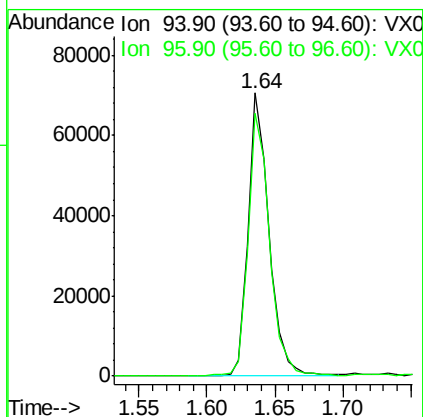
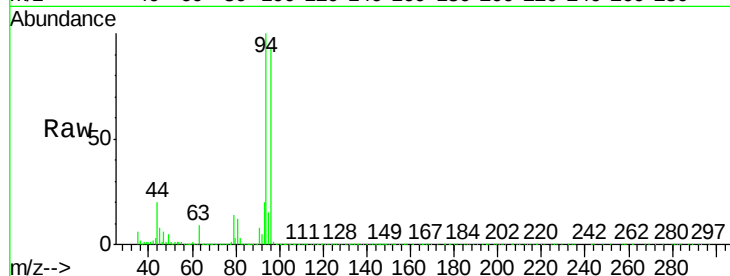
VX0206WBS01

Tot Ion: 94 Resp: 75199

Ion Ratio Lower Upper

94 100

96 92.7 73.9 110.9



#6

Chloroethane

Concen: 18.866 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX007392.D

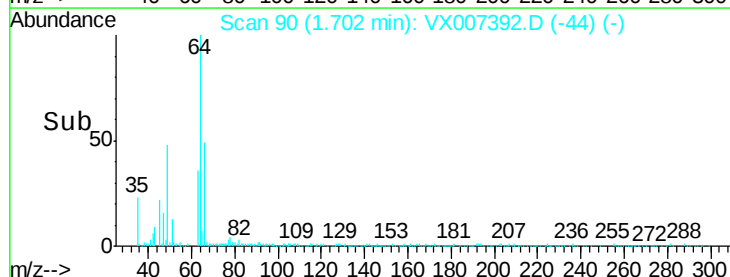
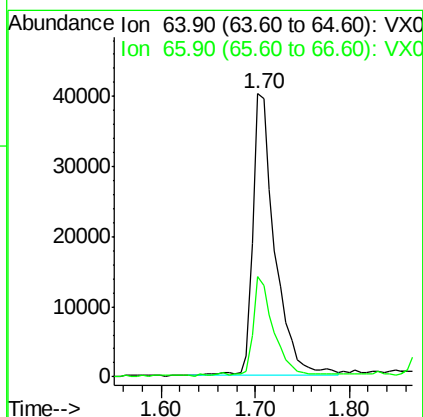
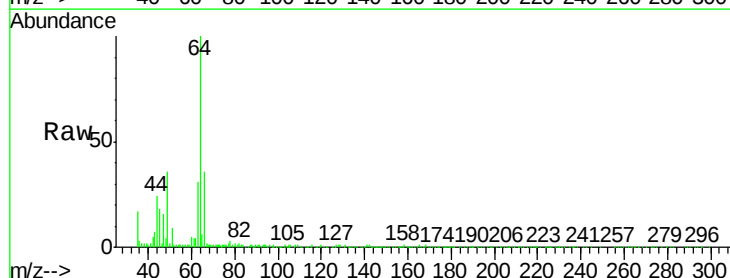
Acq: 06 Feb 2019 11:58

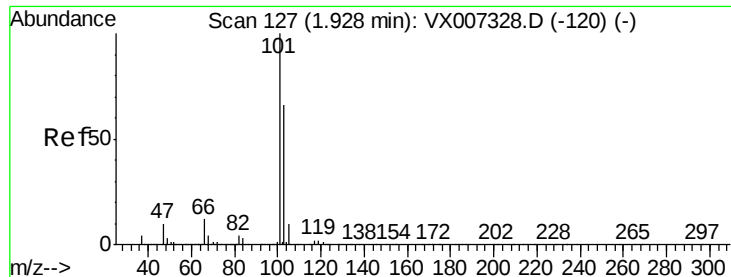
Tgt Ion: 64 Resp: 66430

Ion Ratio Lower Upper

64 100

66 35.0 25.5 38.3



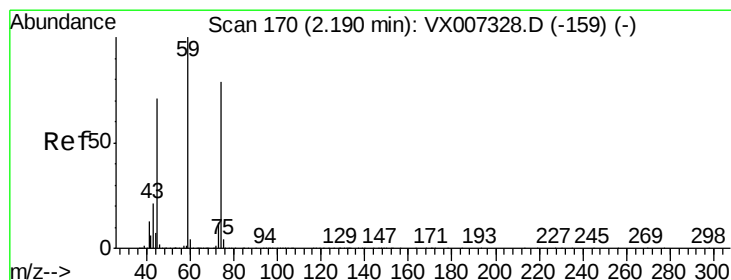
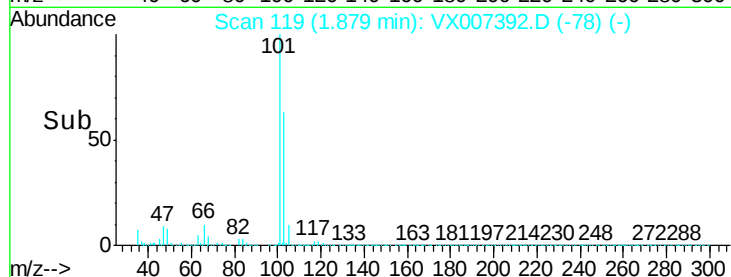
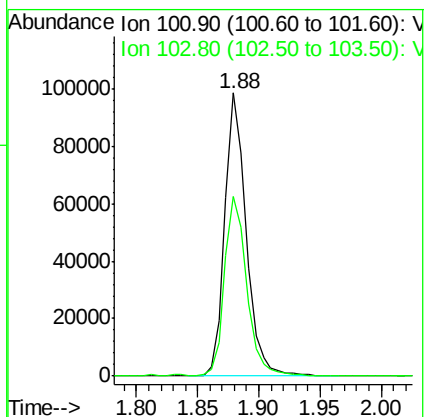
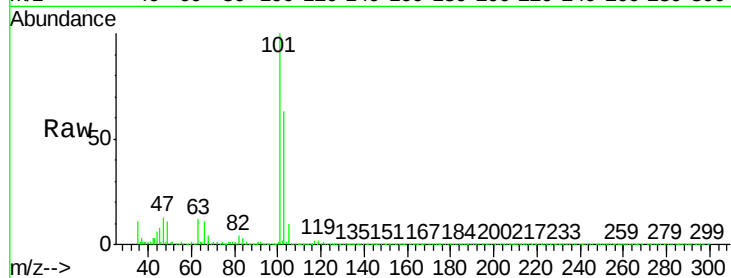


#7

Trichlorofluoromethane
Concen: 14.079 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
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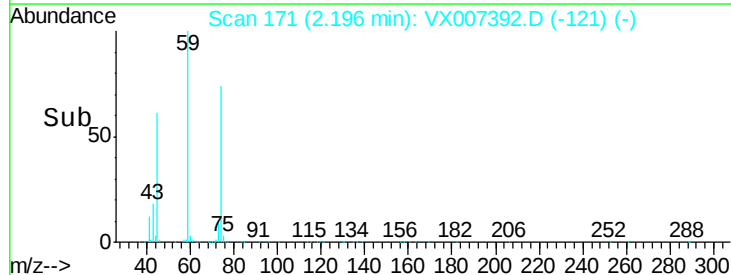
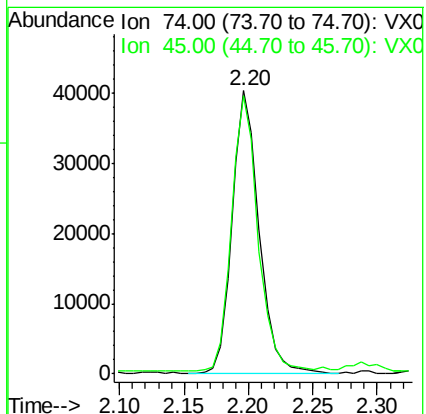
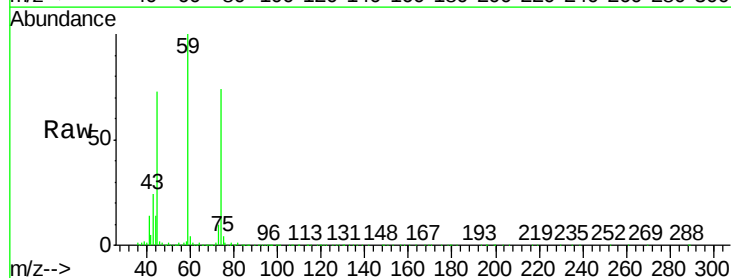
Tot Ion:101 Resp: 119884
Ion Ratio Lower Upper
101 100
103 63.1 52.6 79.0

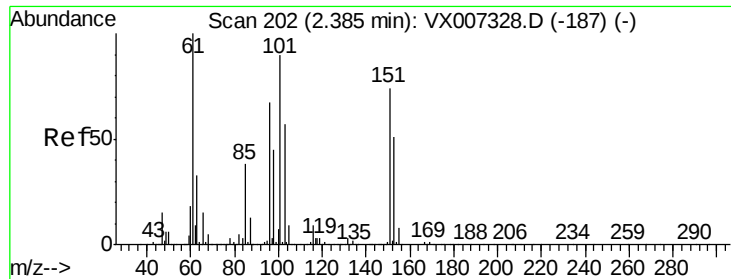


#8

Diethyl Ether
Concen: 18.281 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 74 Resp: 58588
Ion Ratio Lower Upper
74 100
45 95.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.670 ug/l

RT: 2.34 min Scan# 195

Delta R.T. -0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

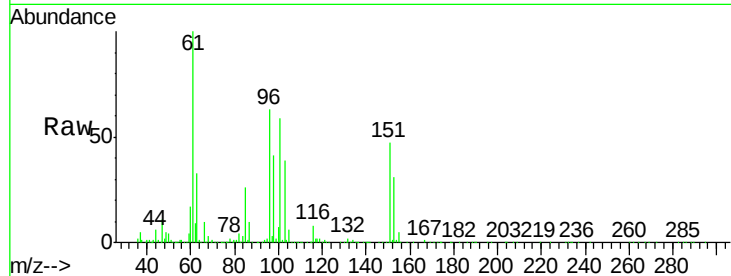
Tot Ion:101 Resp: 94565

Ion Ratio Lower Upper

101 100

85 44.7 34.1 51.1

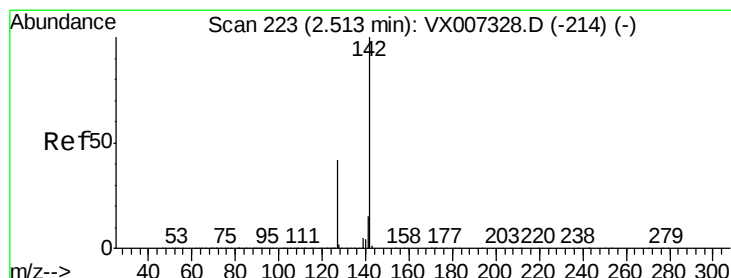
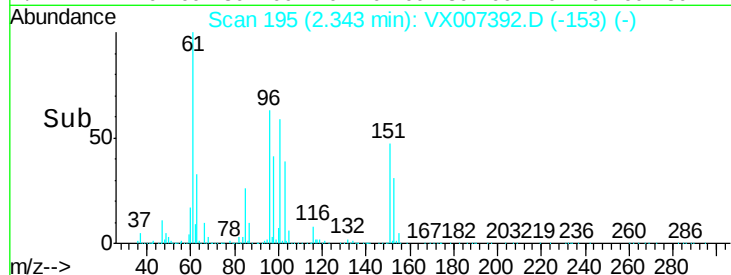
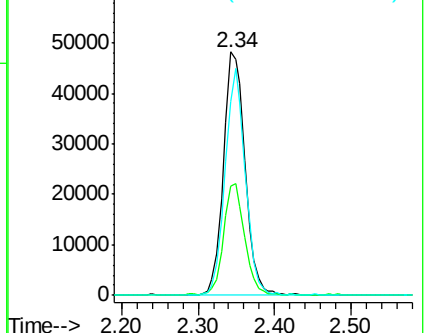
151 86.9 69.9 104.9



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: 16.438 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.03 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

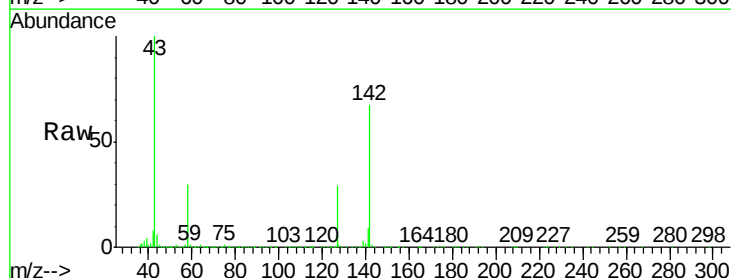
Tgt Ion:142 Resp: 122476

Ion Ratio Lower Upper

142 100

127 43.6 33.7 50.5

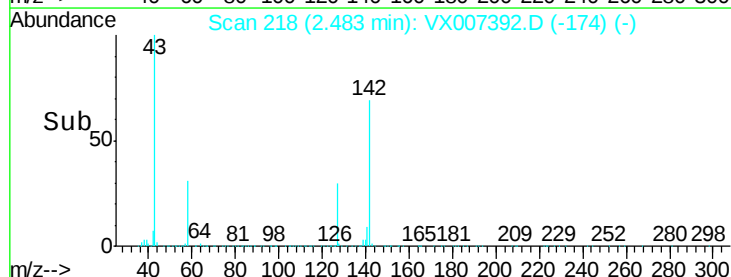
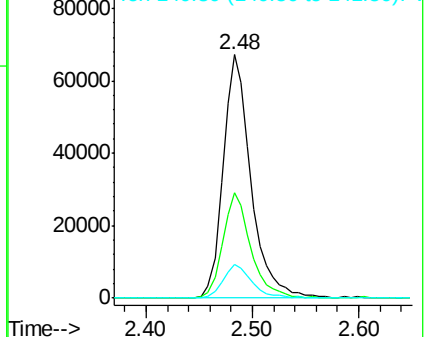
141 14.2 11.3 16.9

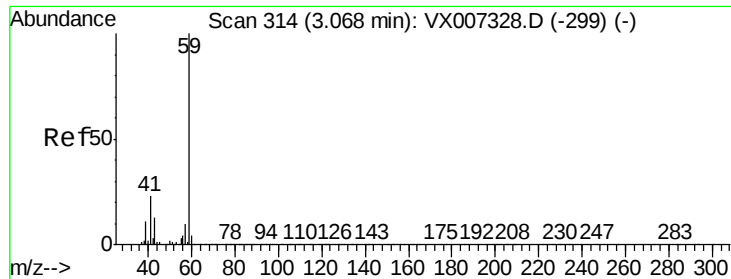


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

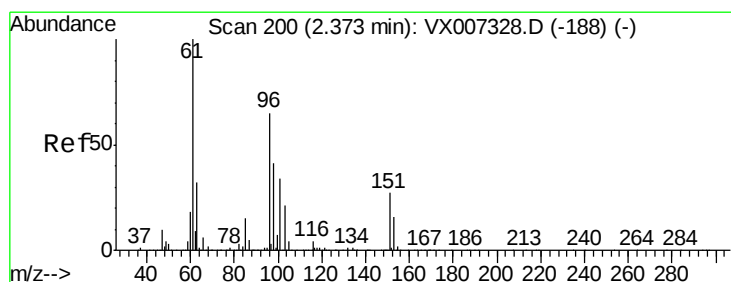
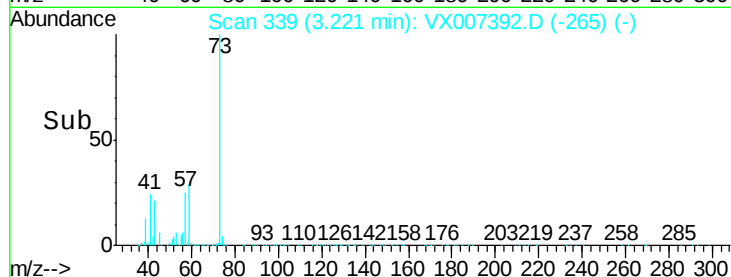
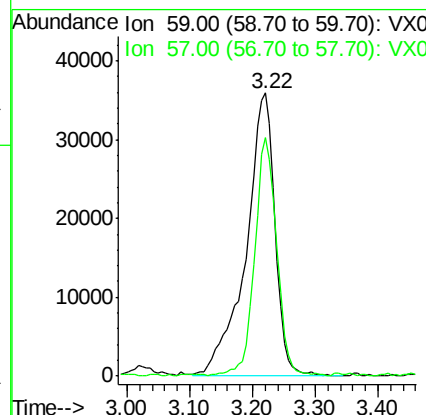
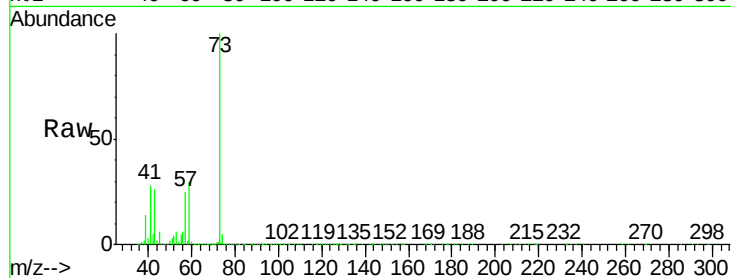




#11
Tert butyl alcohol
Concen: 106.669 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.15 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

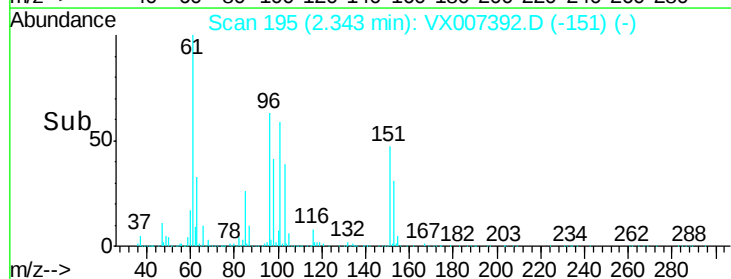
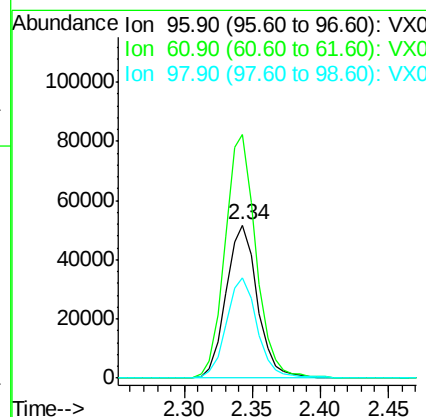
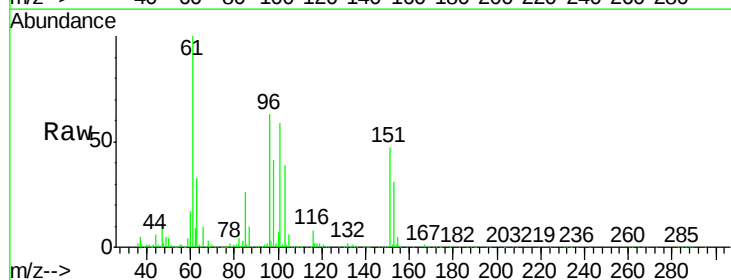
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

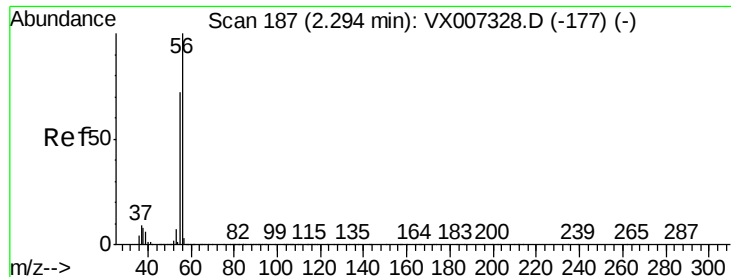
Tot Ion: 59 Resp: 115421
Ion Ratio Lower Upper
59 100
57 62.8 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 17.458 ug/l
RT: 2.34 min Scan# 195
Delta R.T. -0.03 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 96 Resp: 82111
Ion Ratio Lower Upper
96 100
61 158.8 123.0 184.4
98 65.2 50.9 76.3





#13

Acrolein

Concen: 88.906 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

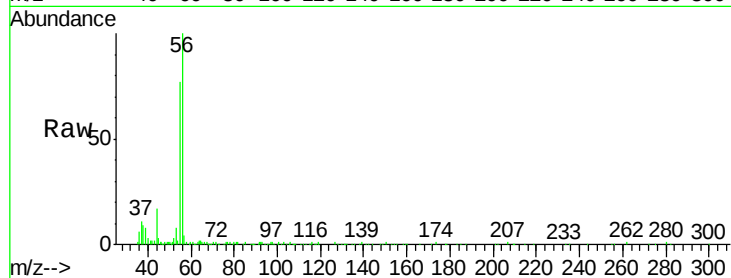
VX0206WBS01

Tot Ion: 56 Resp: 45111

Ion Ratio Lower Upper

56 100

55 70.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

30000

25000

20000

15000

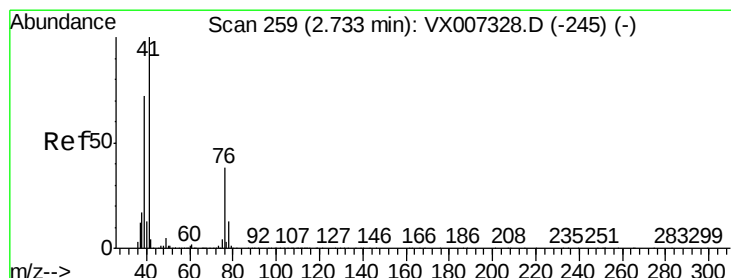
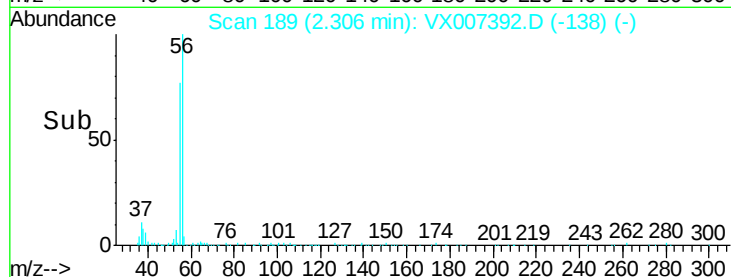
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 17.980 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

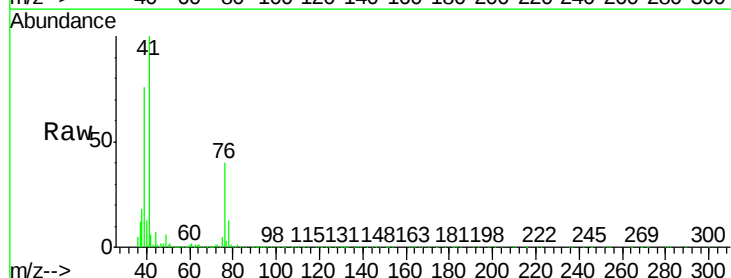
Tgt Ion: 41 Resp: 137789

Ion Ratio Lower Upper

41 100

39 67.5 54.1 81.1

76 33.0 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

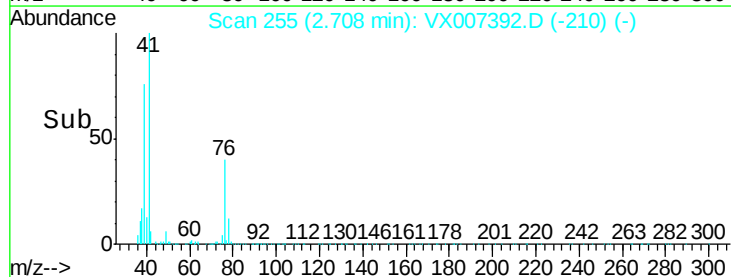
40000

20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 91.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

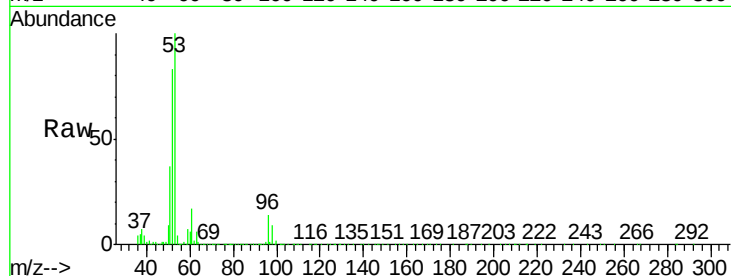
Tot Ion: 53 Resp: 245538

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

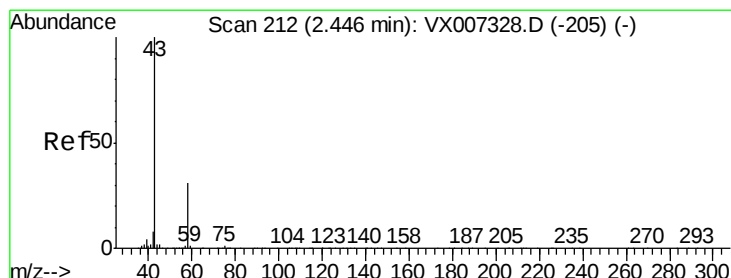
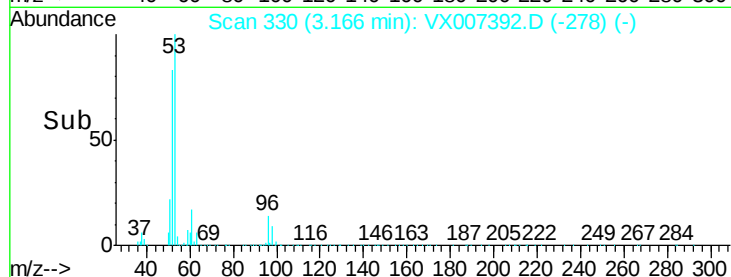
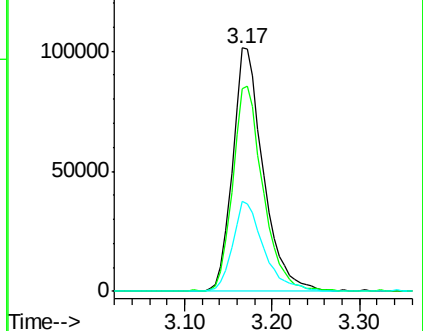
51 37.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 87.570 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX007392.D

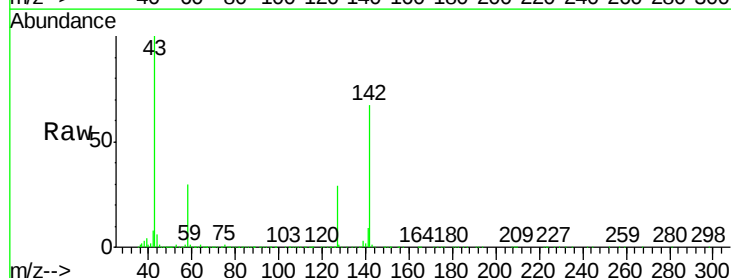
Acq: 06 Feb 2019 11:58

Tgt Ion: 43 Resp: 209734

Ion Ratio Lower Upper

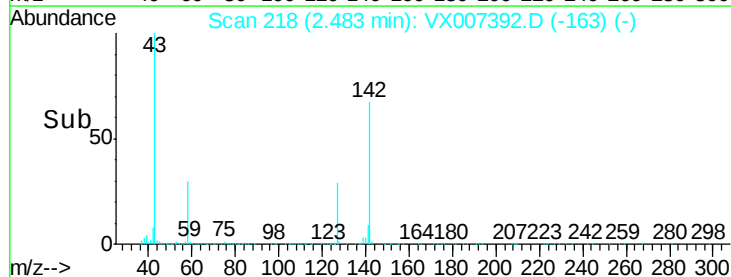
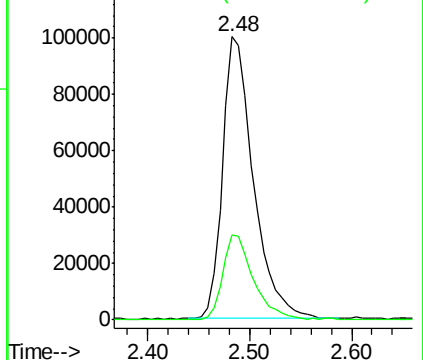
43 100

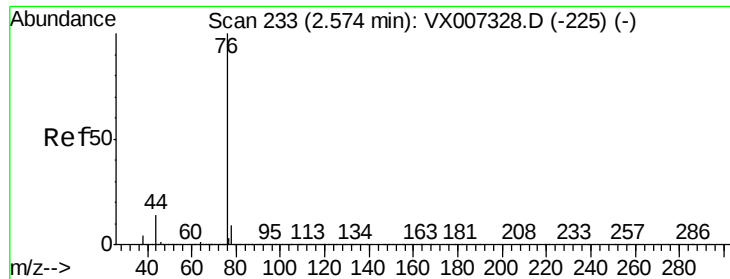
58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.281 ug/l

RT: 2.53 min Scan# 226

Delta R.T. -0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

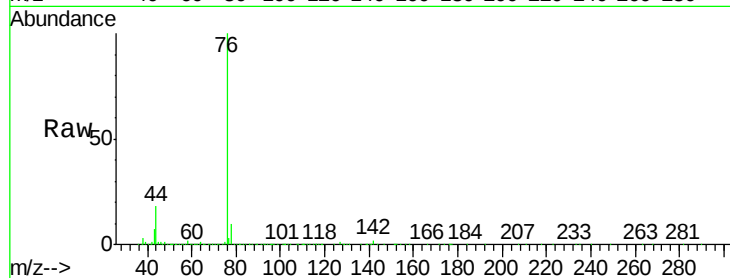
VX0206WBS01

Tot Ion: 76 Resp: 181863

Ion Ratio Lower Upper

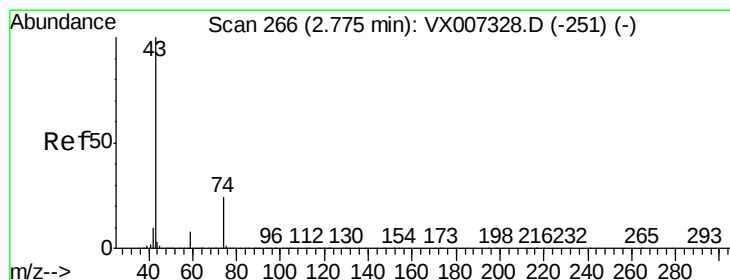
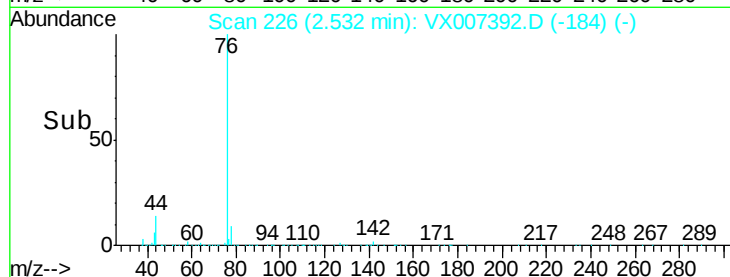
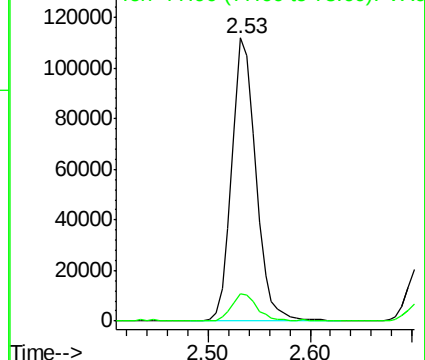
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.446 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX007392.D

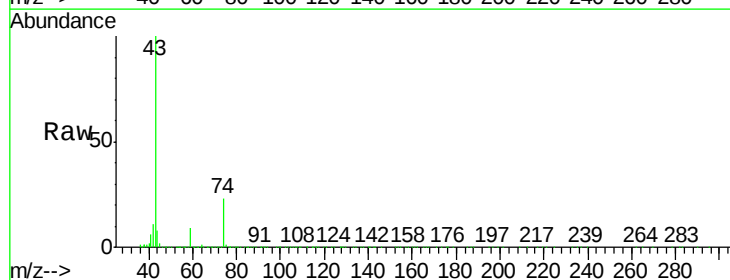
Acq: 06 Feb 2019 11:58

Tgt Ion: 43 Resp: 138005

Ion Ratio Lower Upper

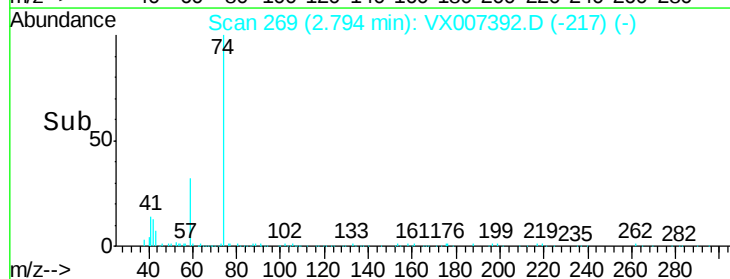
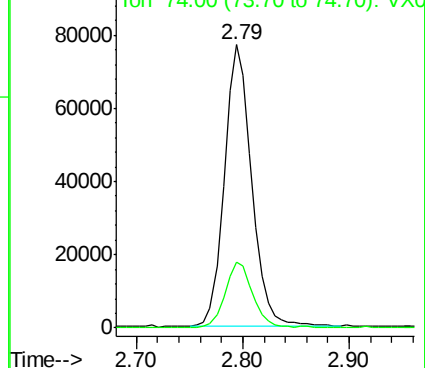
43 100

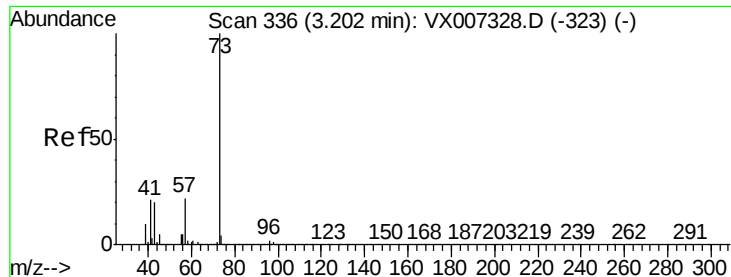
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

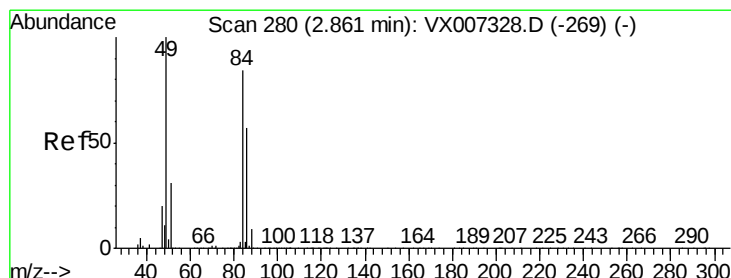
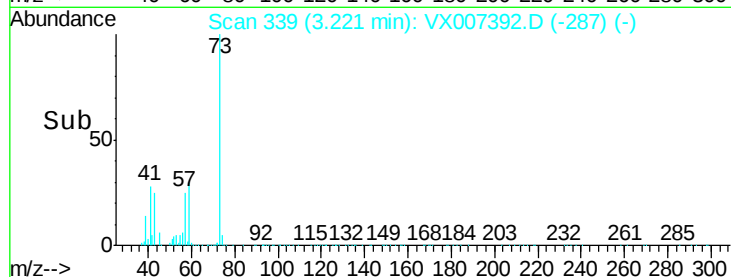
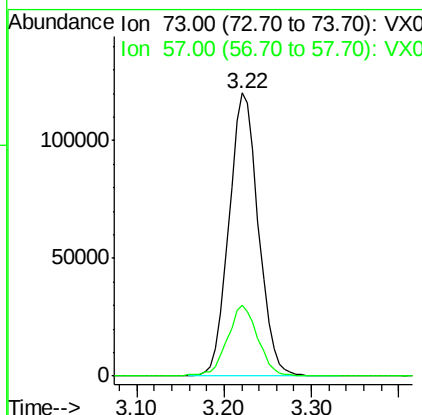
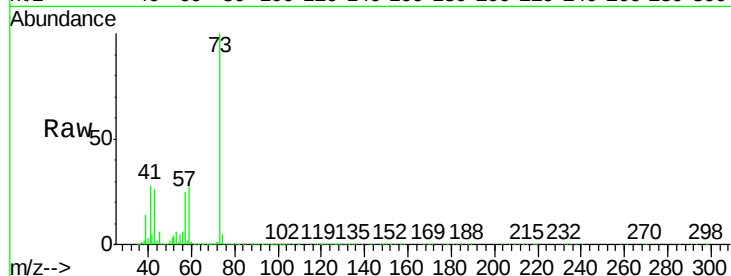




#19
Methvl tert-butvl Ether
Concen: 18.494 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

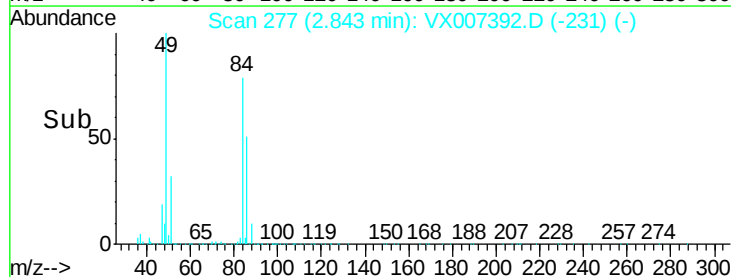
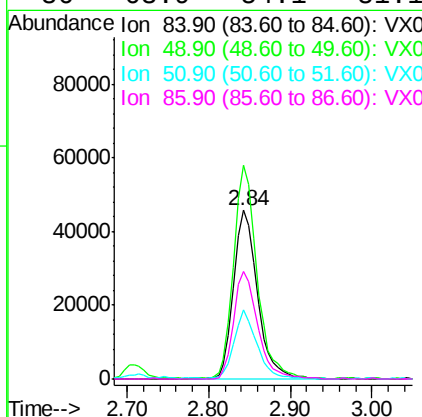
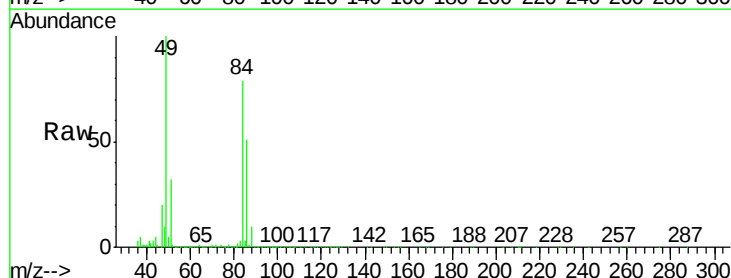
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

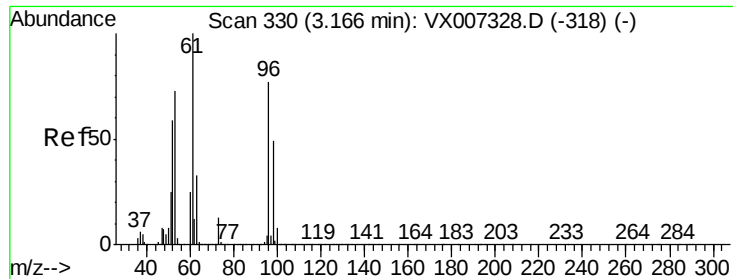
Tot Ion: 73 Resp: 281802
Ion Ratio Lower Upper
73 100
57 24.9 17.8 26.8



#20
Methylene Chloride
Concen: 18.678 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 84 Resp: 92580
Ion Ratio Lower Upper
84 100
49 126.5 94.8 142.2
51 40.5 29.8 44.8
86 63.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.395 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

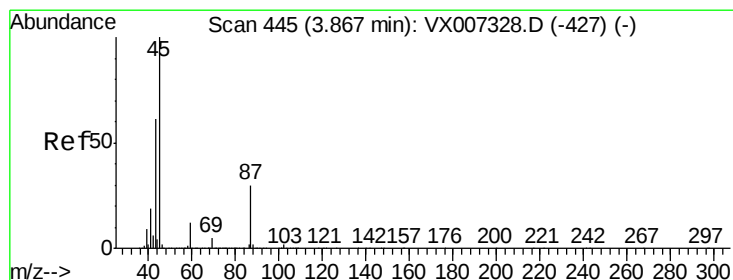
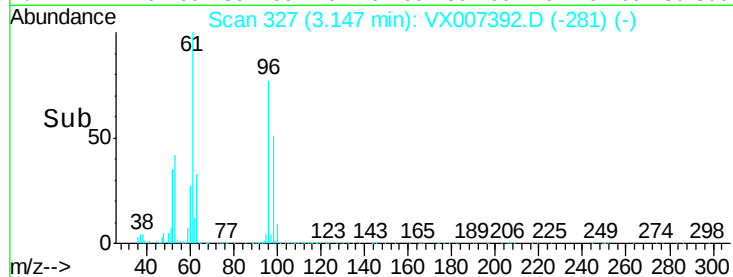
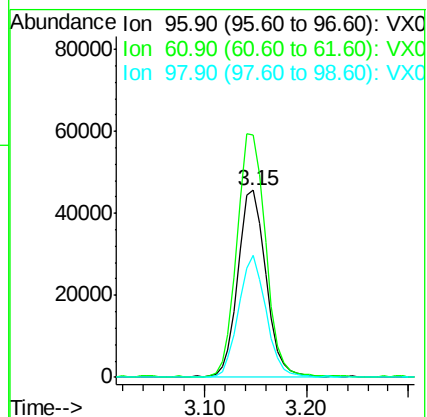
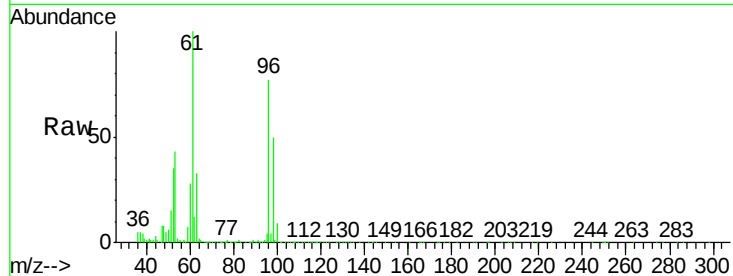
Tot Ion: 96 Resp: 87151

Ion Ratio Lower Upper

96 100

61 129.3 104.6 156.8

98 65.5 51.0 76.4



#22

Diisopropyl ether

Concen: 18.095 ug/l

RT: 3.89 min Scan# 448

Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion: 45 Resp: 255079

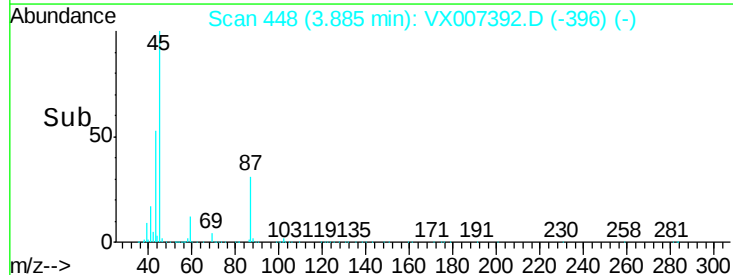
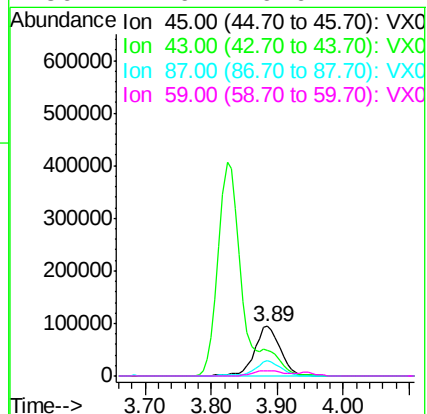
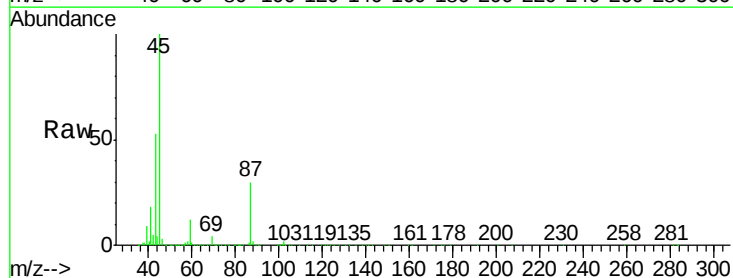
Ion Ratio Lower Upper

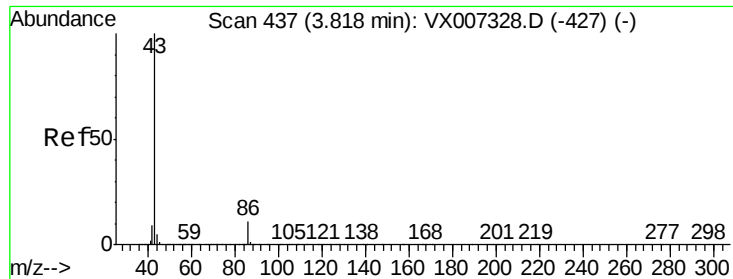
45 100

43 52.6 48.9 73.3

87 30.5 23.9 35.9

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 80.649 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

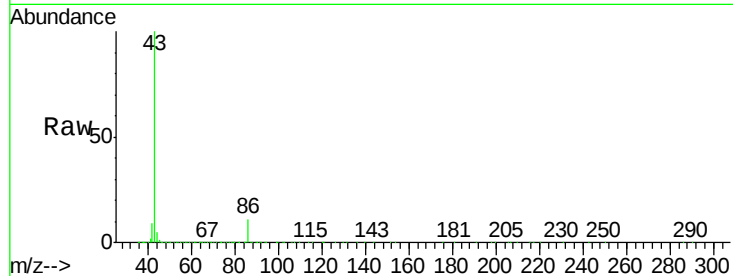
VX0206WBS01

Tot Ion: 43 Resp: 943399

Ion Ratio Lower Upper

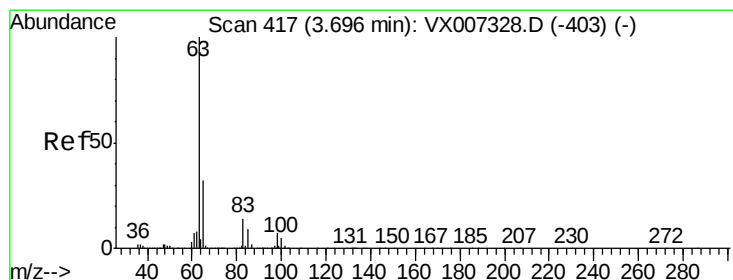
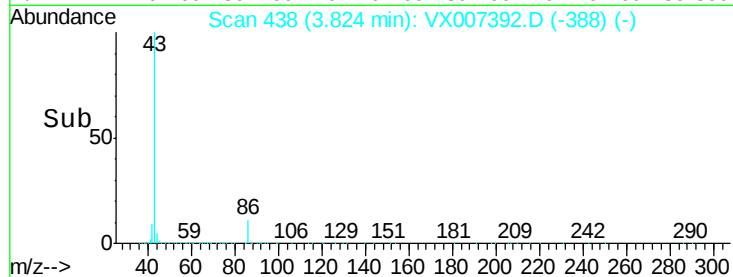
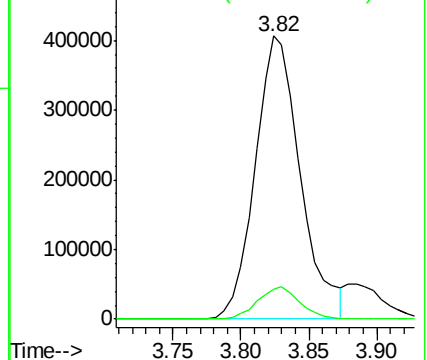
43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.617 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

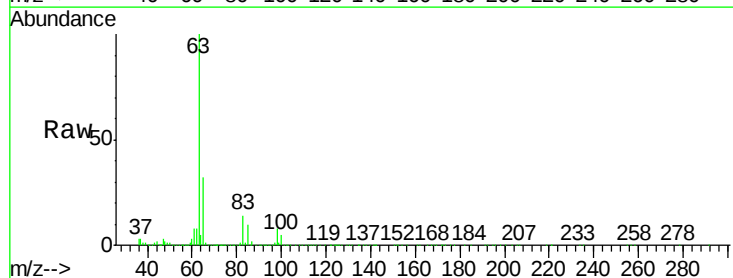
Tgt Ion: 63 Resp: 158808

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

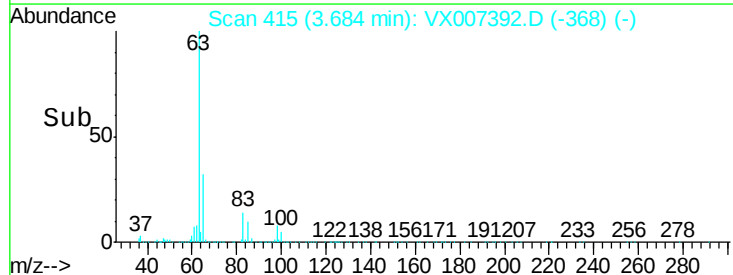
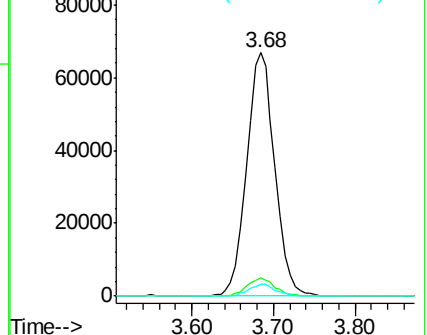
100 5.2 2.5 7.4

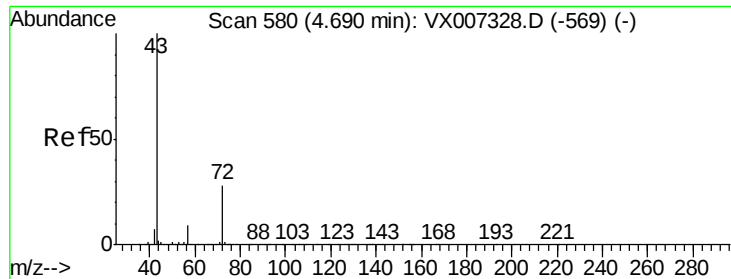


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.158 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

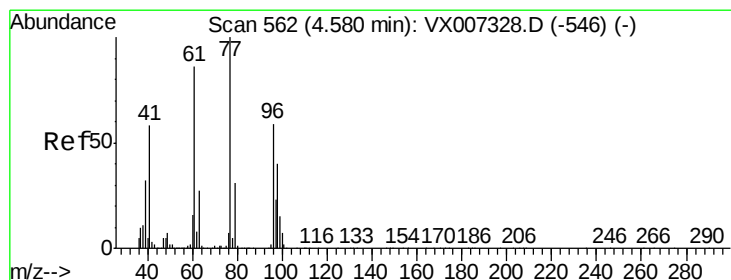
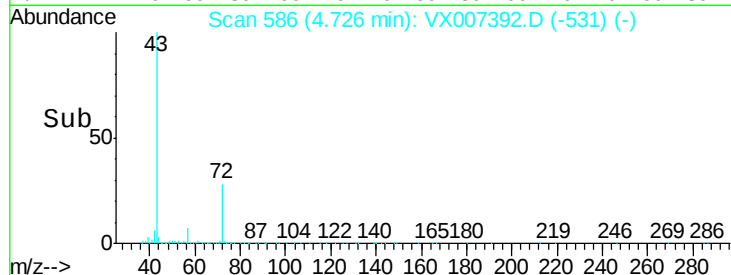
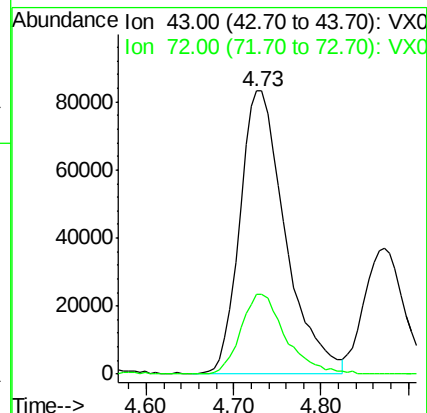
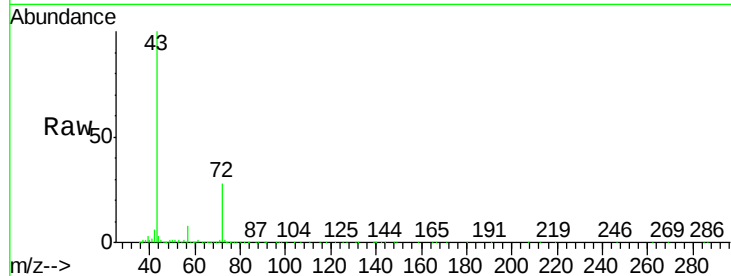
VX0206WBS01

Tot Ion: 43 Resp: 300481

Ion Ratio Lower Upper

43 100

72 28.1 22.2 33.2



#26

2,2-Dichloropropane

Concen: 17.862 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX007392.D

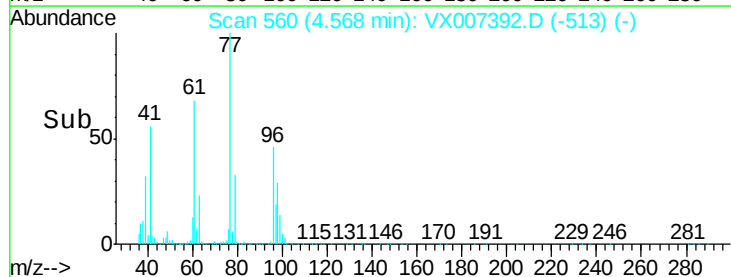
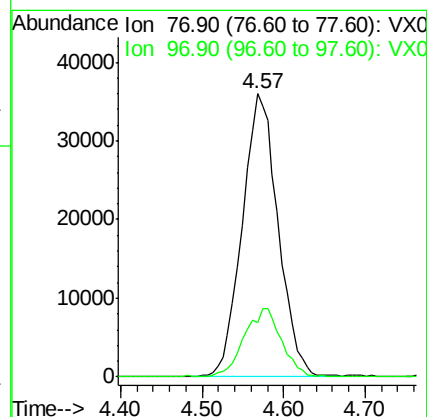
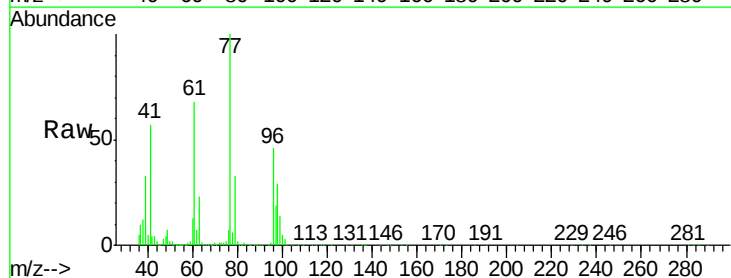
Acq: 06 Feb 2019 11:58

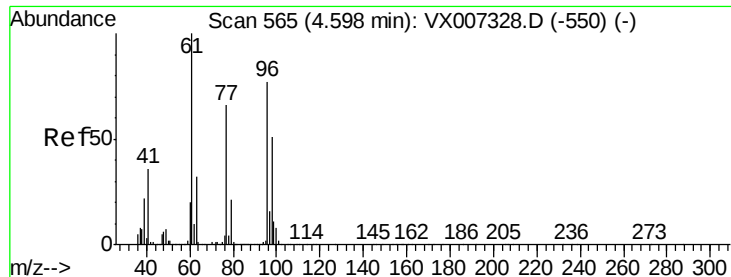
Tgt Ion: 77 Resp: 110117

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



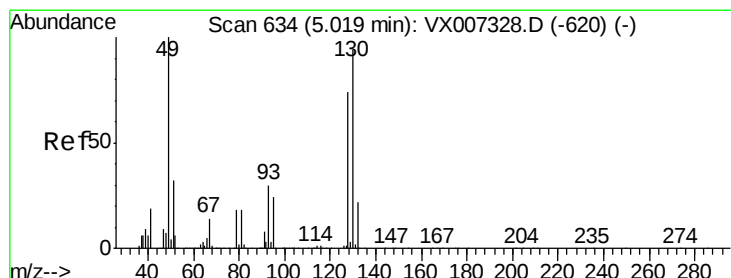
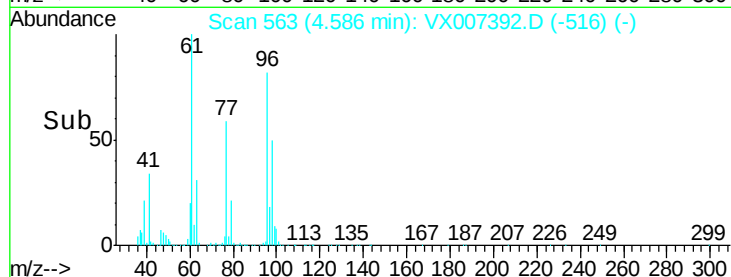
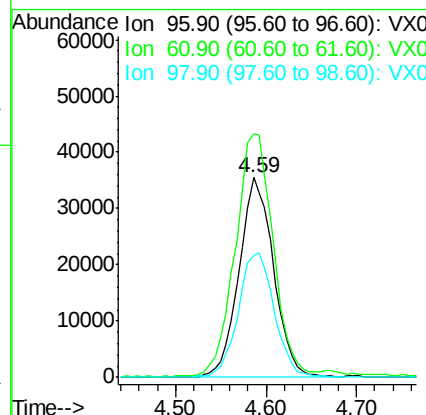
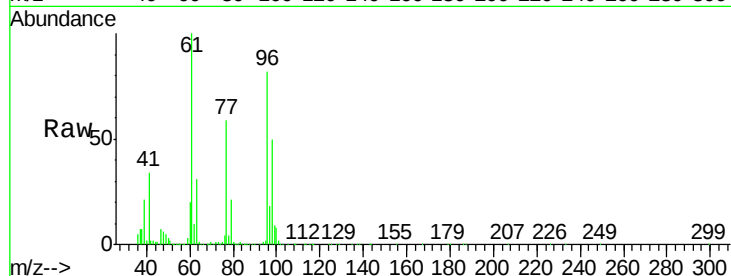


#27

cis-1,2-Dichloroethene
Concen: 17.141 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

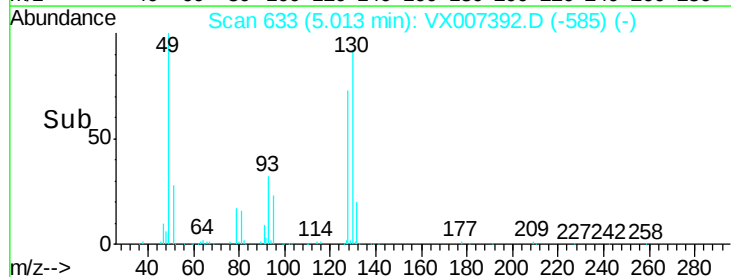
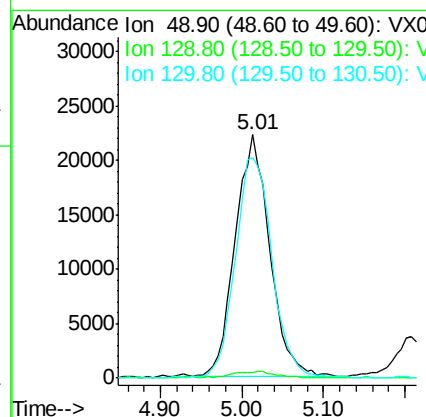
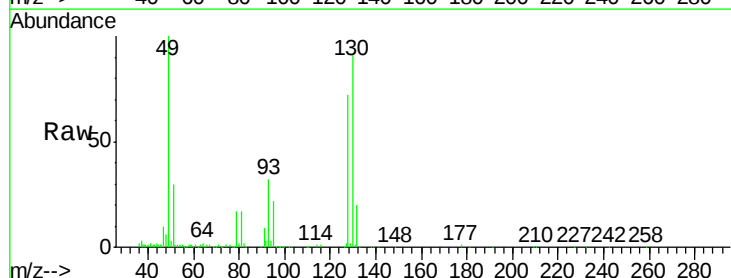
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	265.6
98	65.6	0.0	131.6



#28

Bromochloromethane
Concen: 17.484 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.5	0.0	5.6
130	95.9	75.6	113.4





#29

Tetrahydrofuran

Concen: 93.553 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

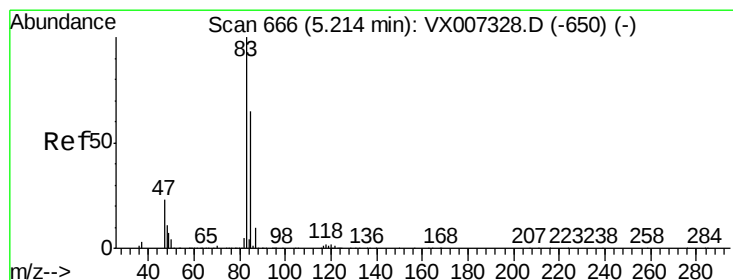
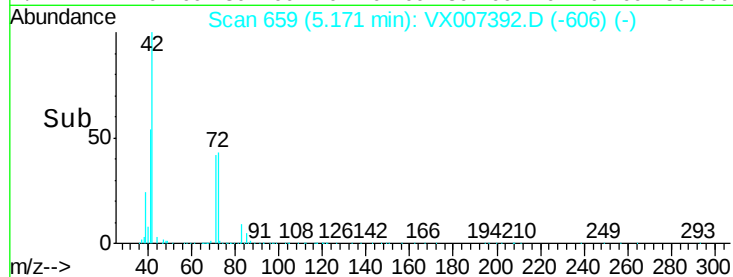
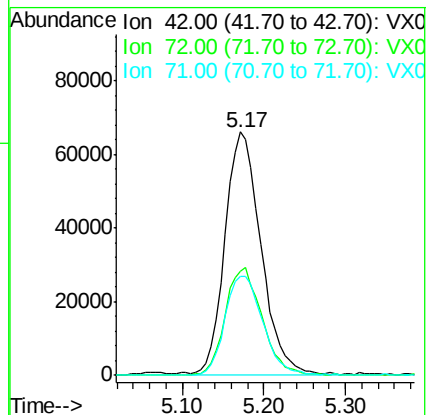
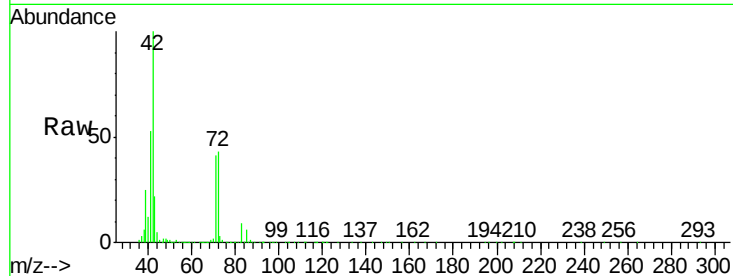
Tot Ion: 42 Resp: 200548

Ion Ratio Lower Upper

42 100

72 45.4 37.6 56.4

71 43.5 34.6 51.8



#30

Chloroform

Concen: 17.342 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007392.D

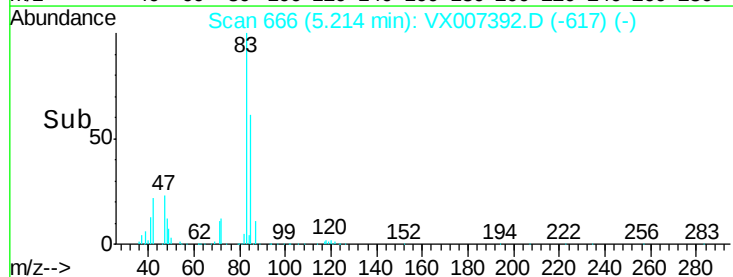
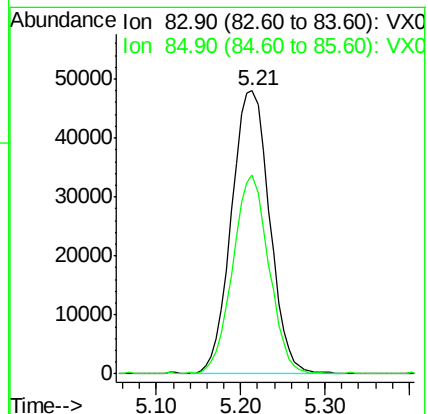
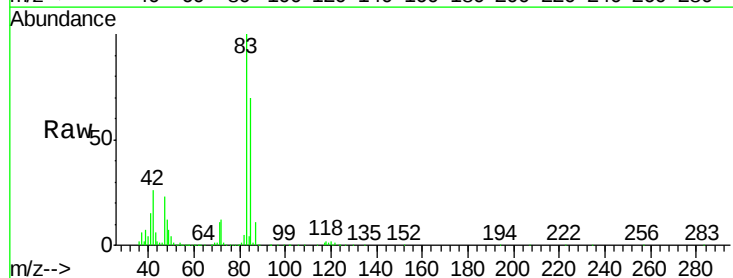
Acq: 06 Feb 2019 11:58

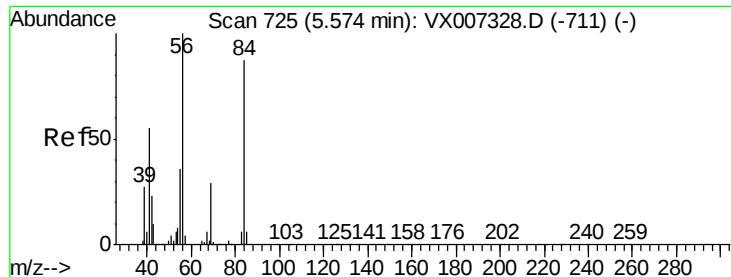
Tgt Ion: 83 Resp: 146491

Ion Ratio Lower Upper

83 100

85 70.3 51.6 77.4





#31

Cyclohexane

Concen: 18.286 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

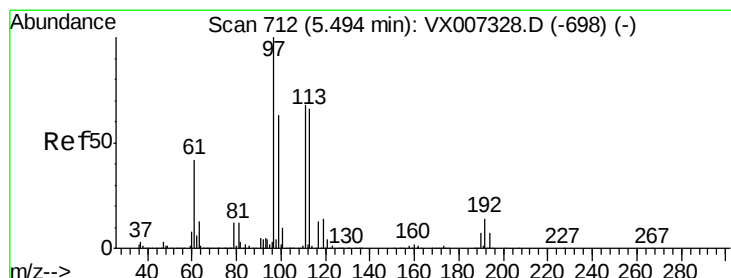
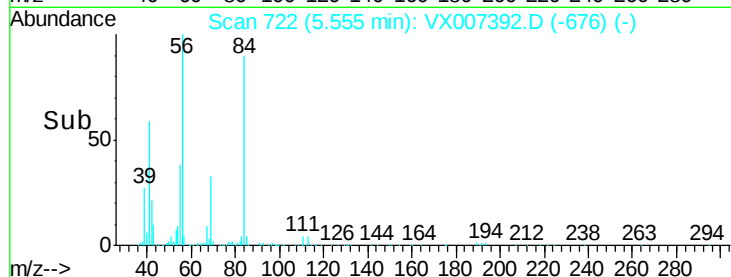
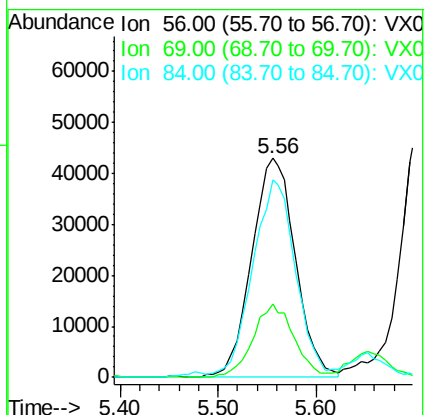
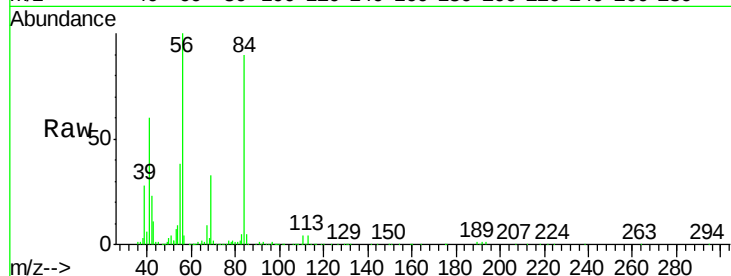
Tot Ion: 56 Resp: 132954

Ion Ratio Lower Upper

56 100

69 33.3 23.0 34.6

84 89.0 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 17.871 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

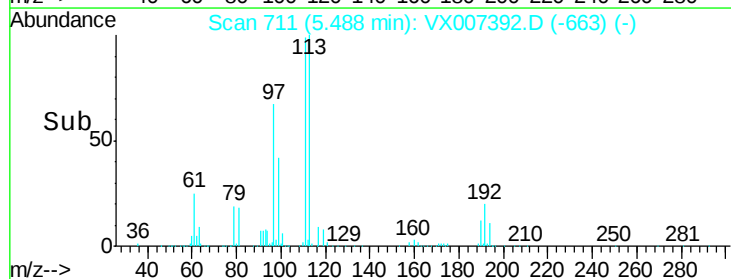
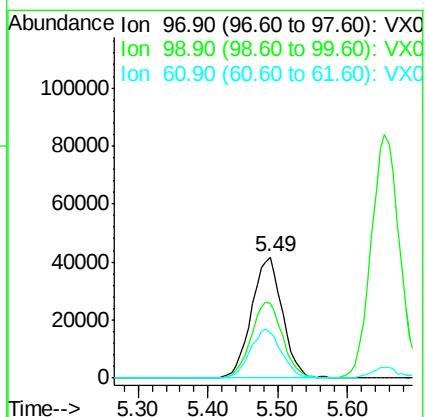
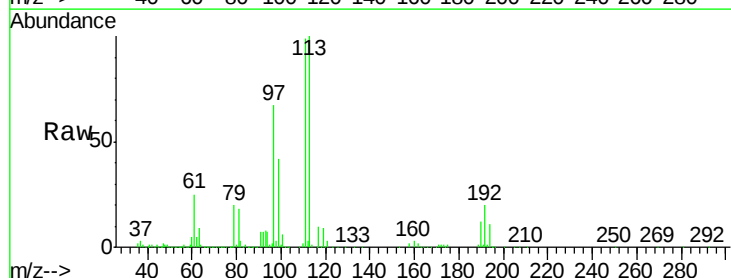
Tgt Ion: 97 Resp: 127428

Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 40.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 46.332 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

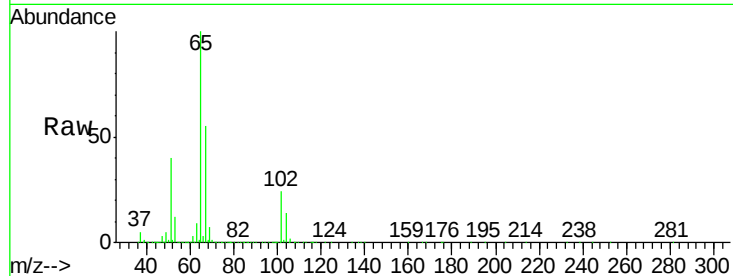
VX0206WBS01

Tot Ion: 65 Resp: 242250

Ion Ratio Lower Upper

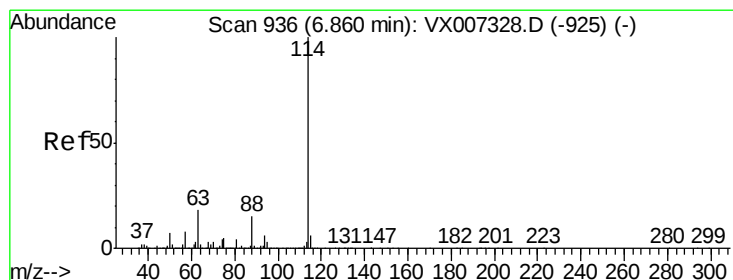
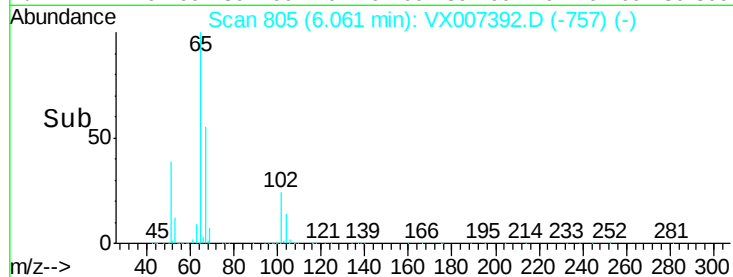
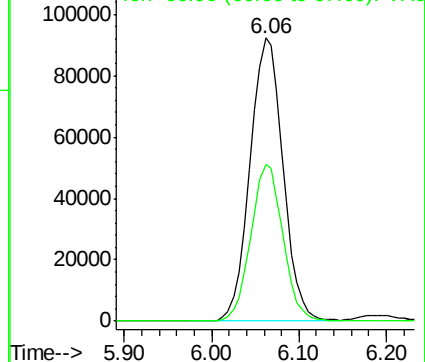
65 100

67 53.6 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

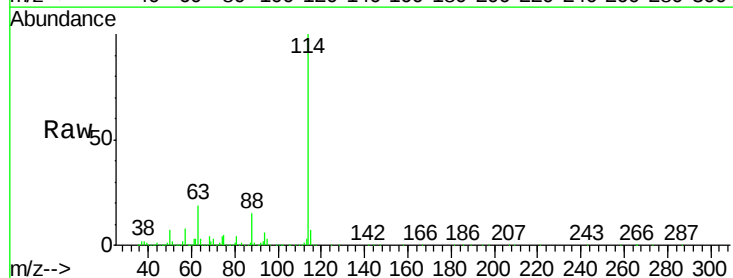
Tgt Ion: 114 Resp: 691753

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

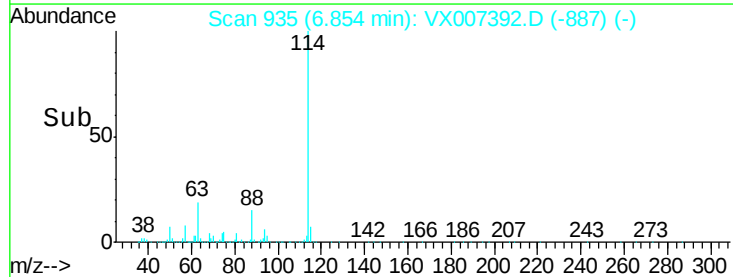
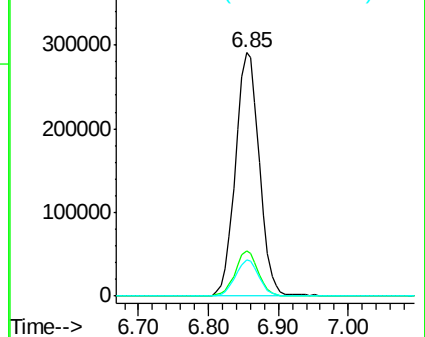
88 15.0 0.0 29.6

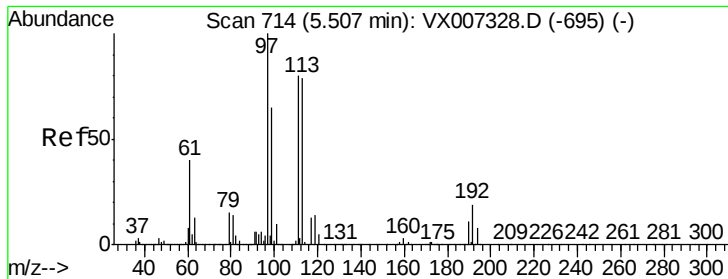


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.236 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

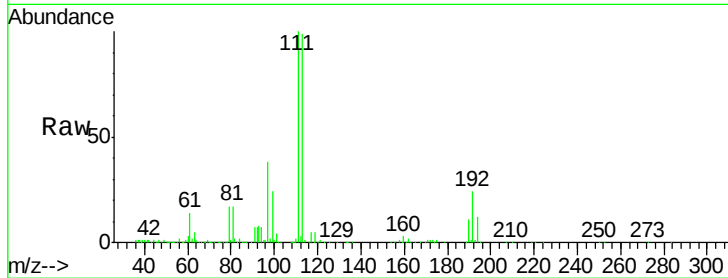
Tot Ion:113 Resp: 212611

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

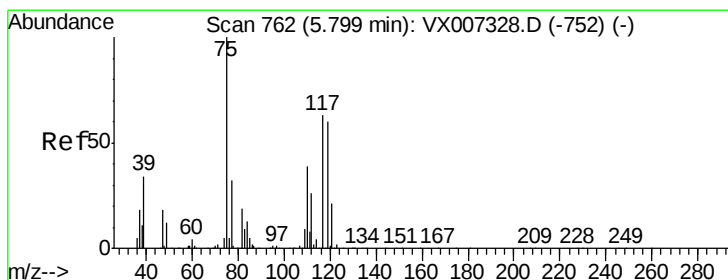
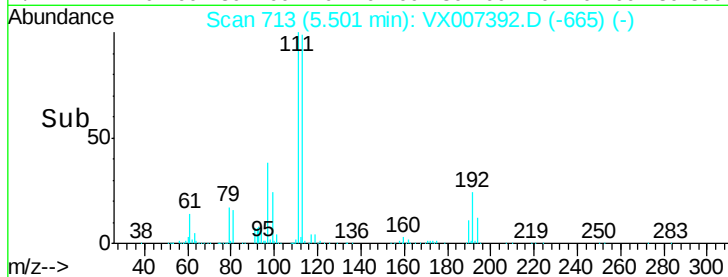
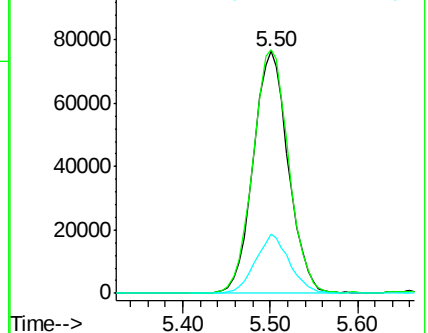
192 23.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.560 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

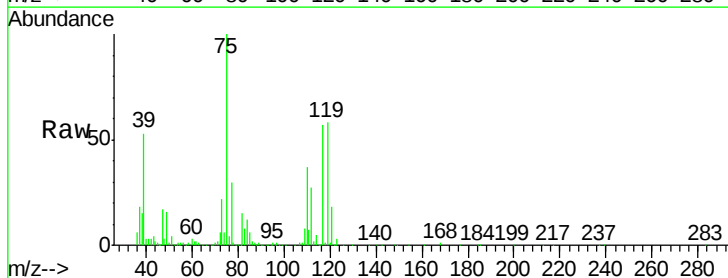
Tgt Ion: 75 Resp: 108987

Ion Ratio Lower Upper

75 100

110 39.6 20.0 59.9

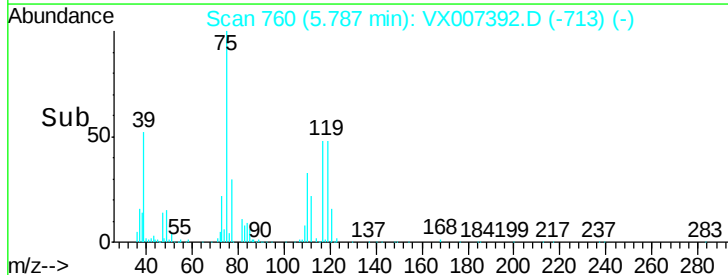
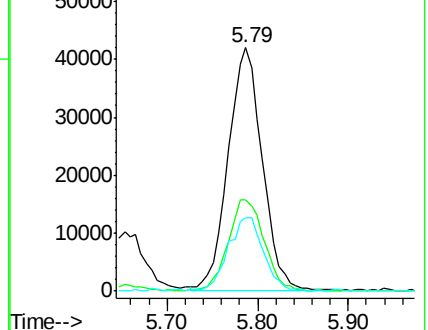
77 31.9 24.7 37.1

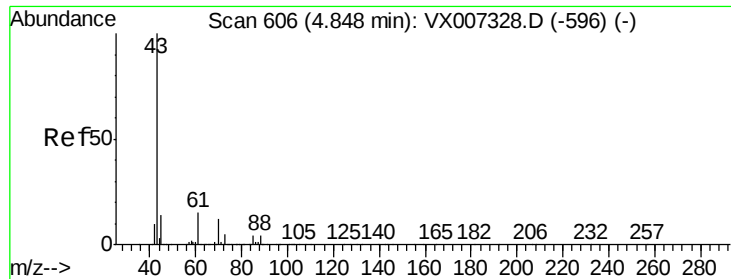


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

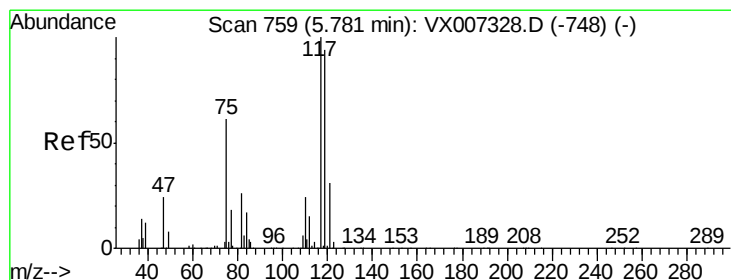
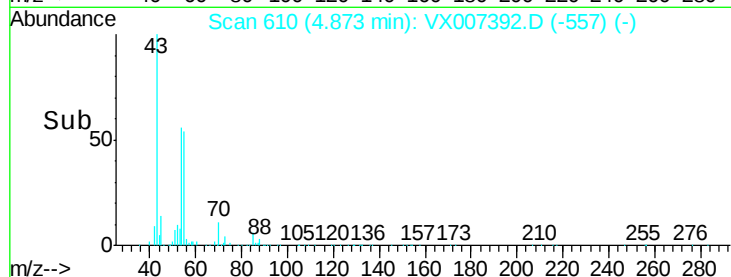
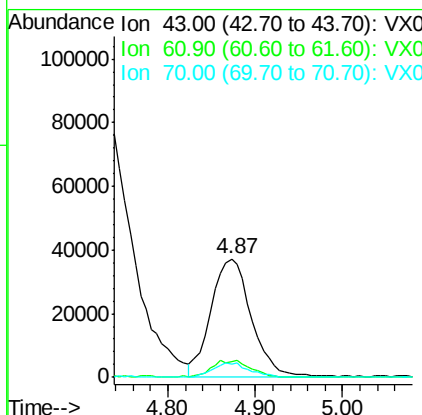
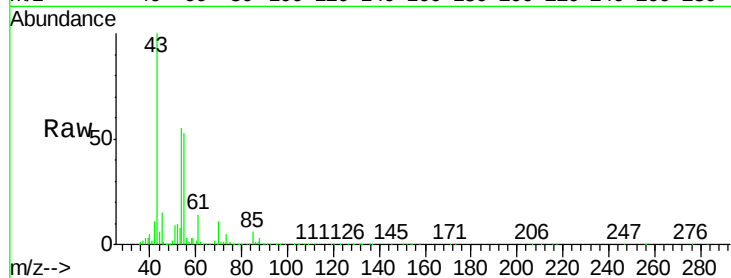




#37
Ethyl Acetate
Concen: 18.784 ug/l
RT: 4.87 min Scan# 610
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

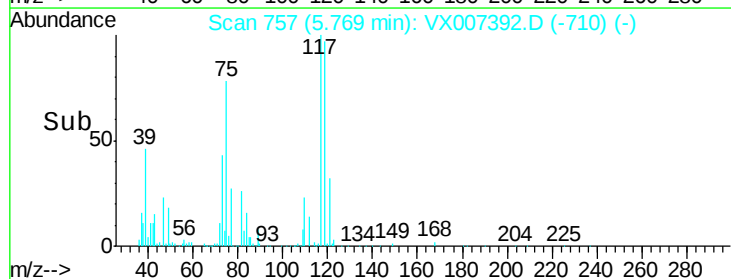
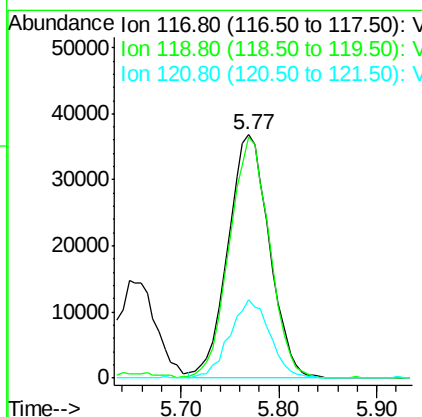
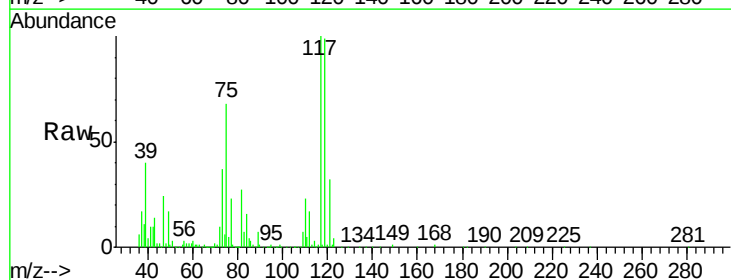
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion: 43 Resp: 117852
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 17.870 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 117 Resp: 107604
Ion Ratio Lower Upper
117 100
119 99.3 75.3 112.9
121 32.6 25.0 37.4

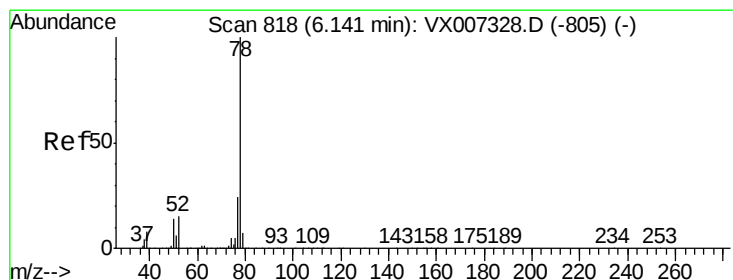
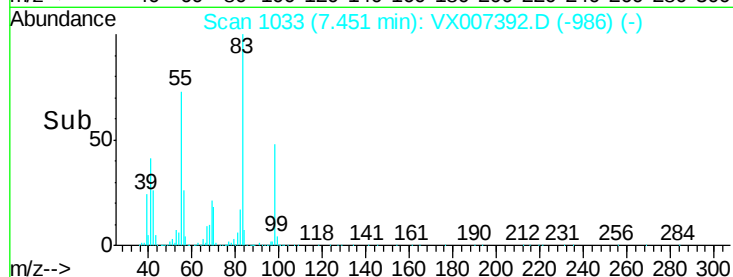
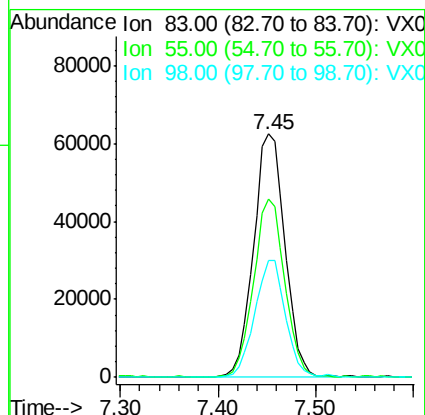
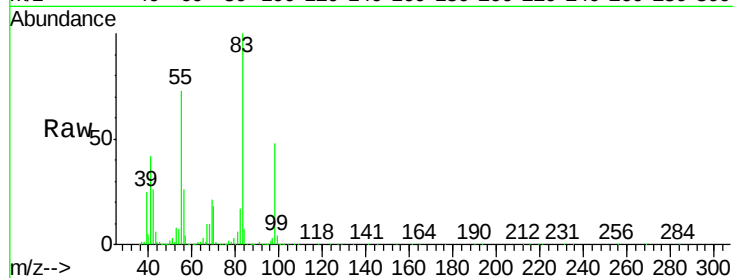




#39
Methvlcvclohexane
Concen: 18.578 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

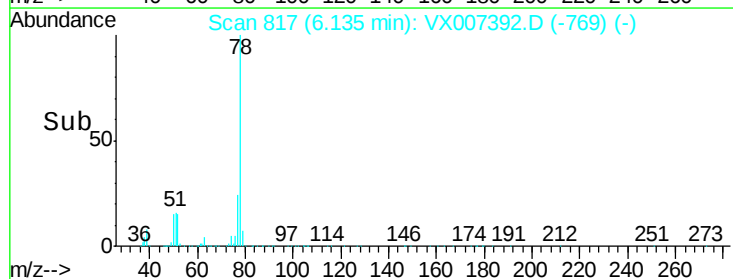
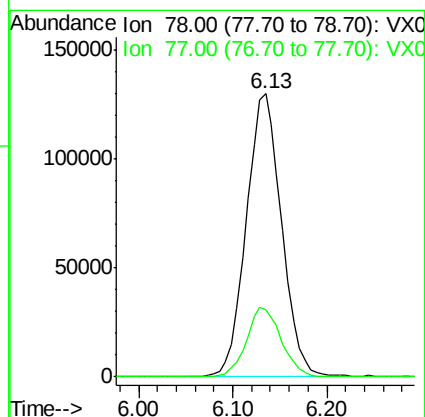
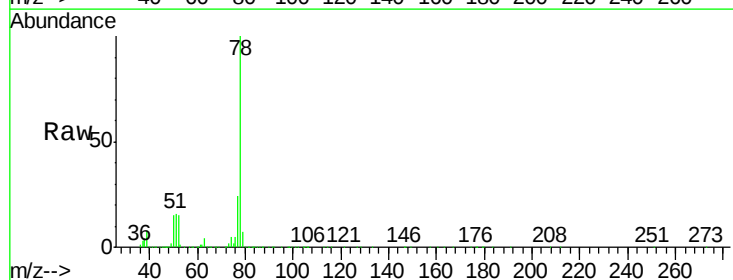
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

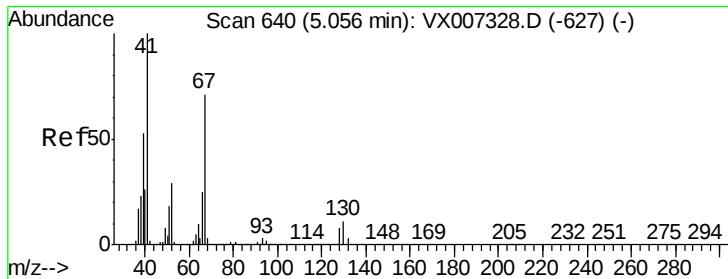
Tot Ion: 83 Resp: 139514
Ion Ratio Lower Upper
83 100
55 73.1 56.2 84.2
98 47.8 36.8 55.2



#40
Benzene
Concen: 18.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 78 Resp: 339513
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

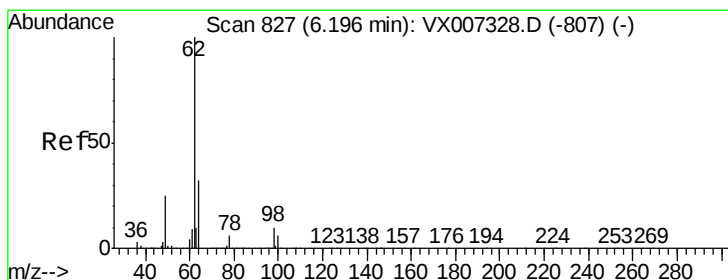
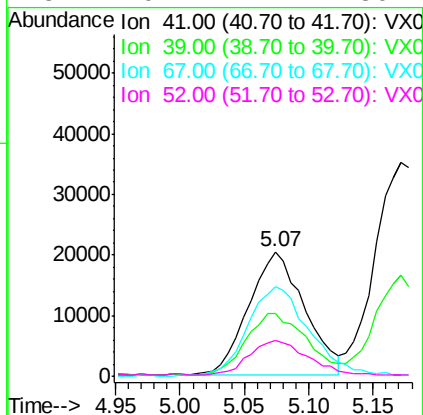
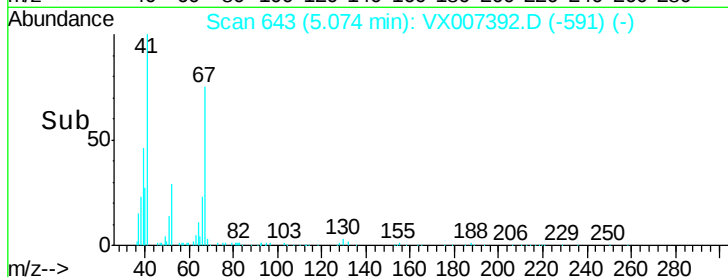
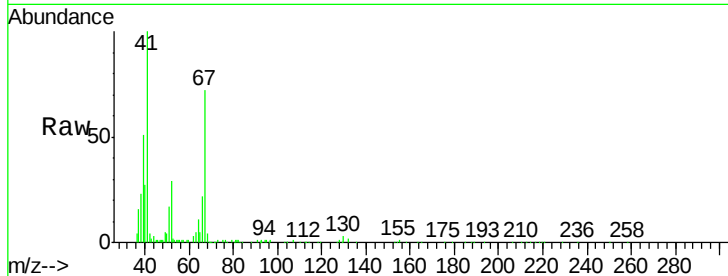




#41
Methacrylonitrile
Concen: 18.406 ug/l
RT: 5.07 min Scan# 643
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

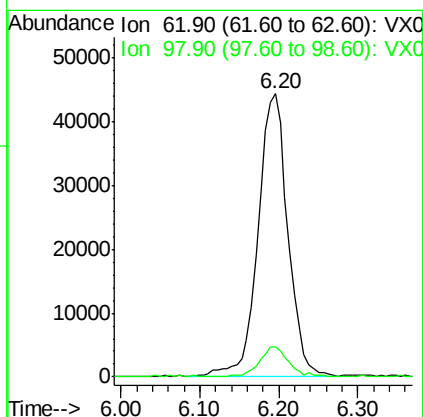
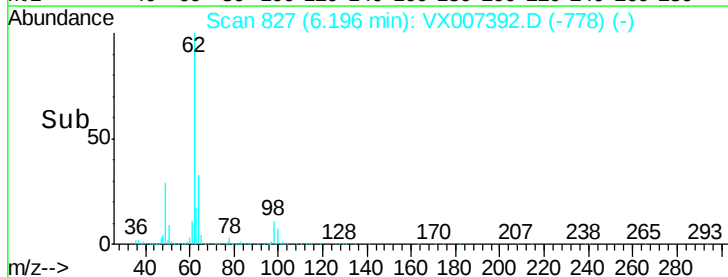
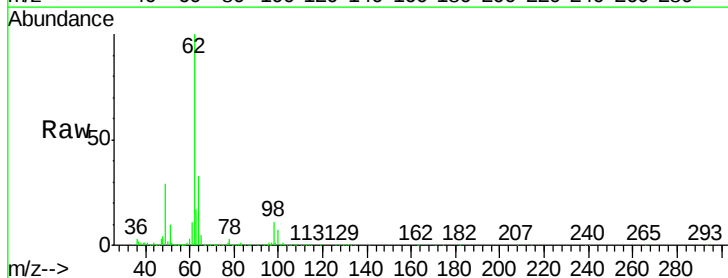
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

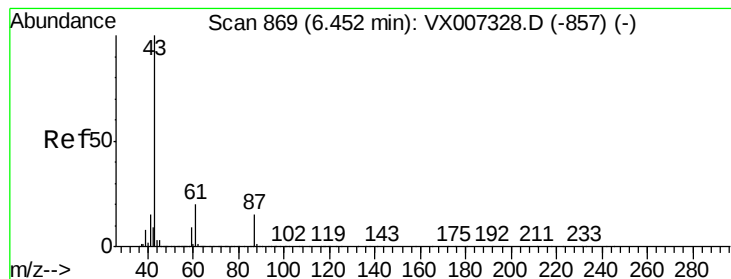
Tot Ion:	41	Resp:	61893
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.5	66.7
67	80.2	60.4	90.6
52	29.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 18.547 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion:	62	Resp:	117325
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0



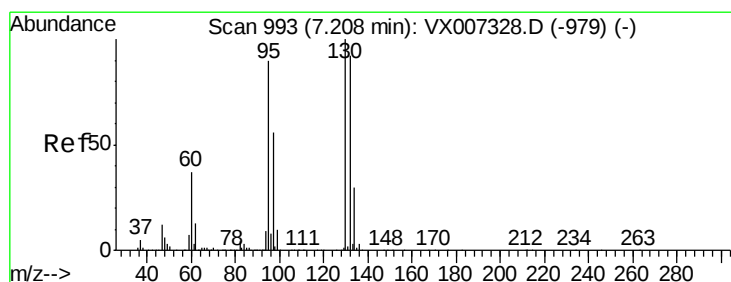
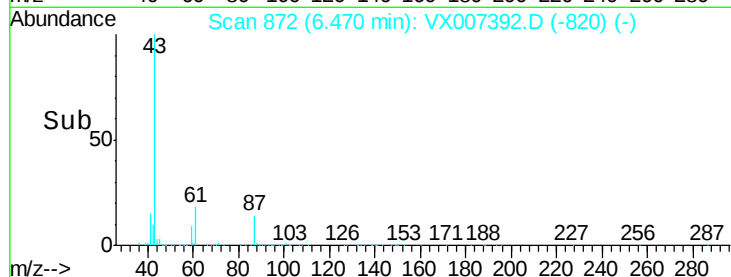
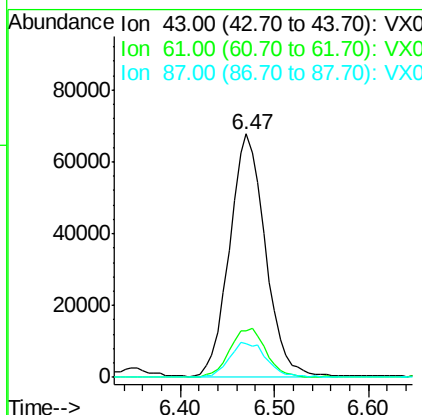
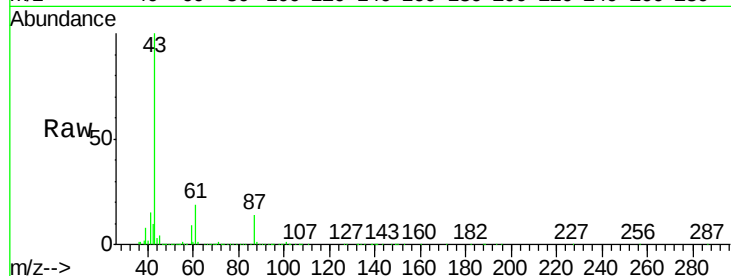


#43

Isopropyl Acetate
 Concen: 18.415 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

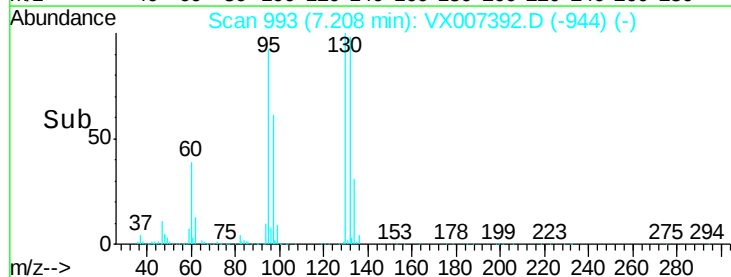
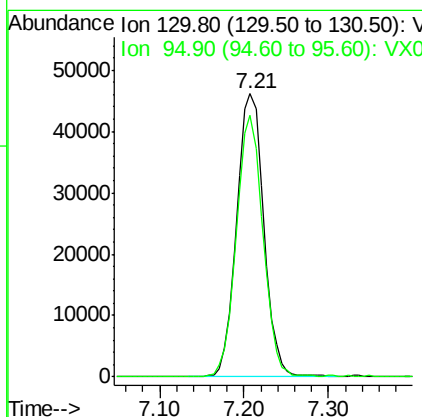
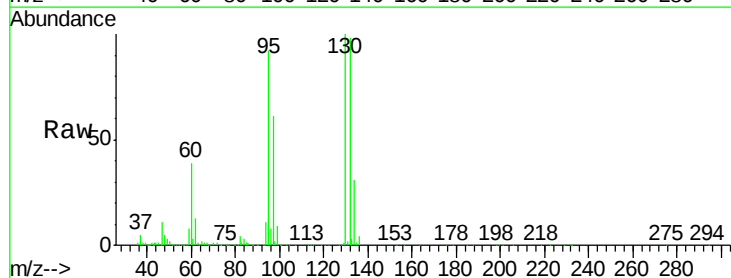
Tot Ion	43	Resp	178338
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.1	24.1
87	15.1	11.5	17.3

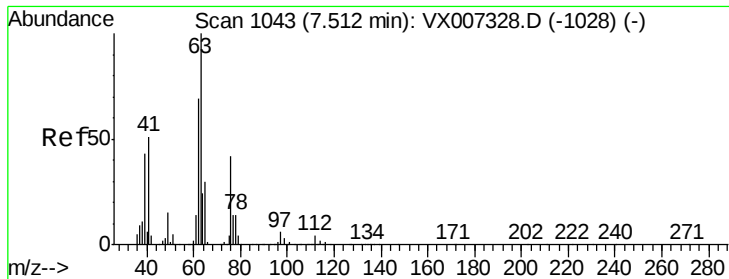


#44

Trichloroethene
 Concen: 18.136 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	130	Resp	99865
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.312 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

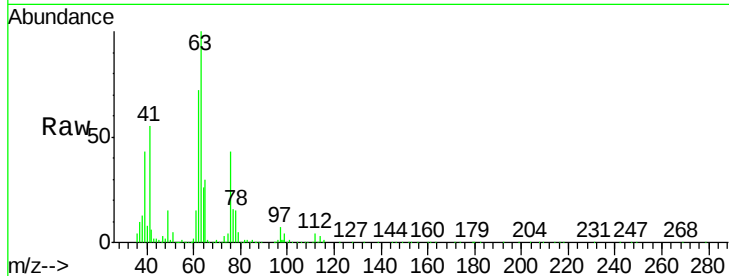
VX0206WBS01

Tot Ion: 63 Resp: 83884

Ion Ratio Lower Upper

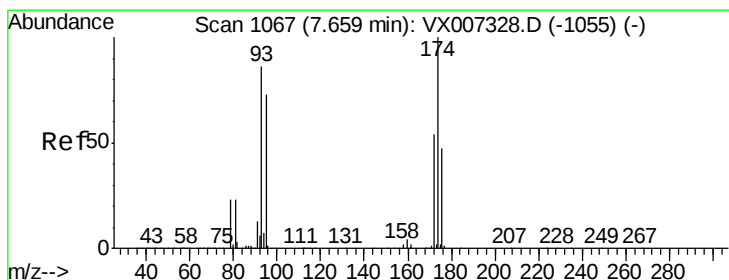
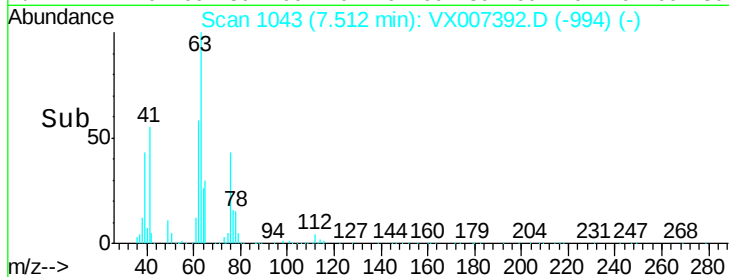
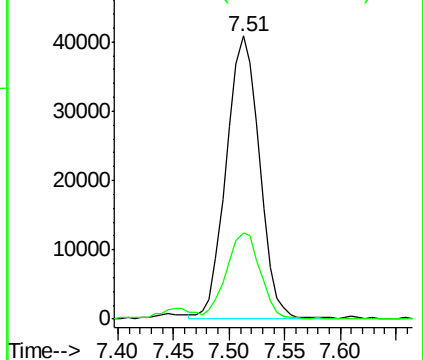
63 100

65 30.1 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.771 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

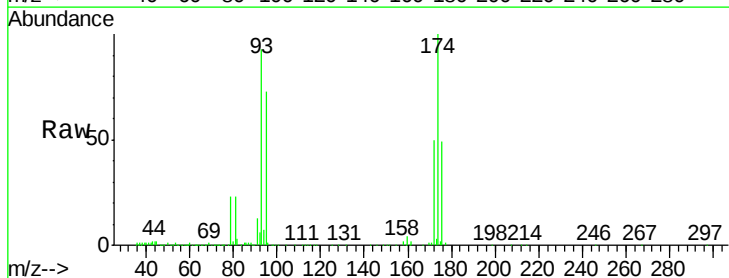
Tgt Ion: 93 Resp: 59168

Ion Ratio Lower Upper

93 100

95 82.6 67.6 101.4

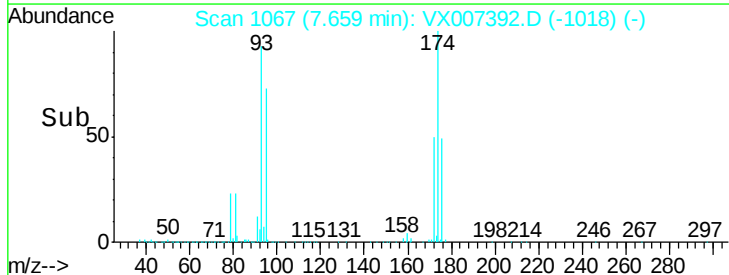
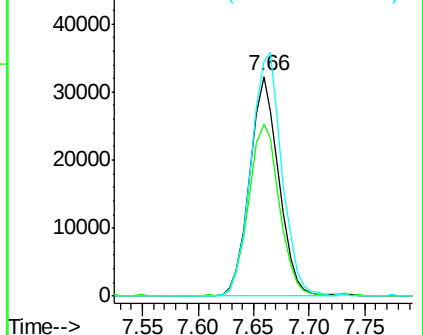
174 116.7 94.2 141.4

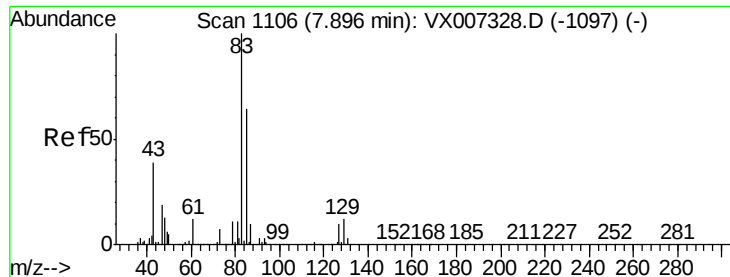


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.520 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

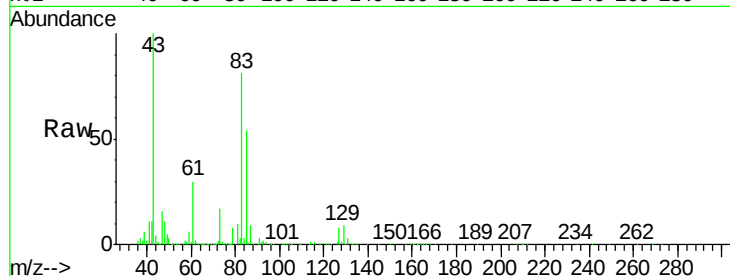
Tot Ion: 83 Resp: 93214

Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.0

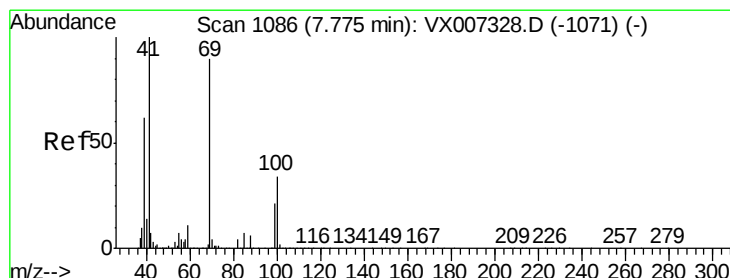
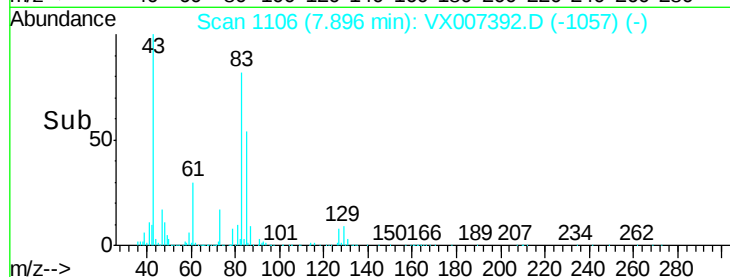
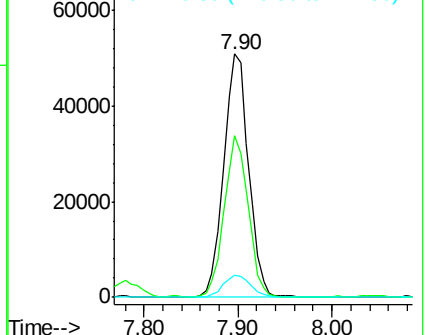
127 9.3 8.1 12.1



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: 18.603 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

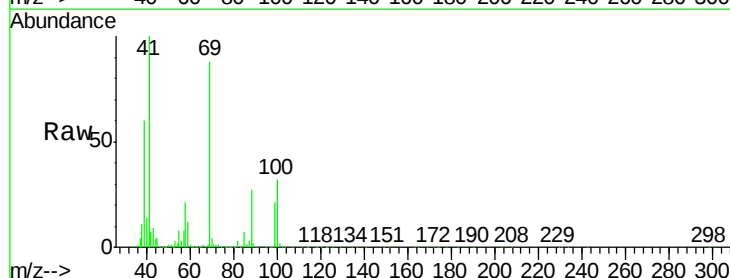
Tgt Ion: 41 Resp: 90116

Ion Ratio Lower Upper

41 100

69 87.1 70.2 105.4

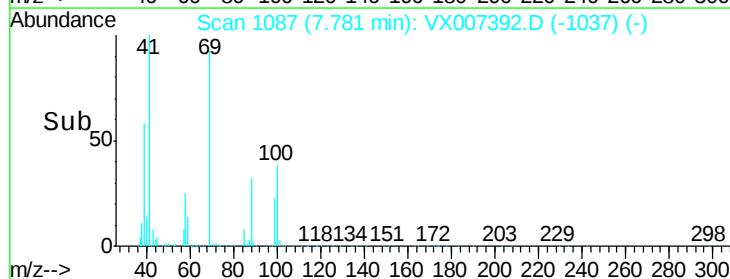
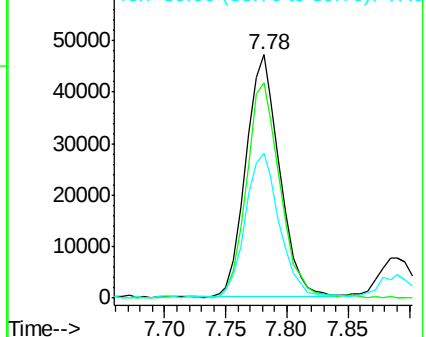
39 61.9 47.4 71.0

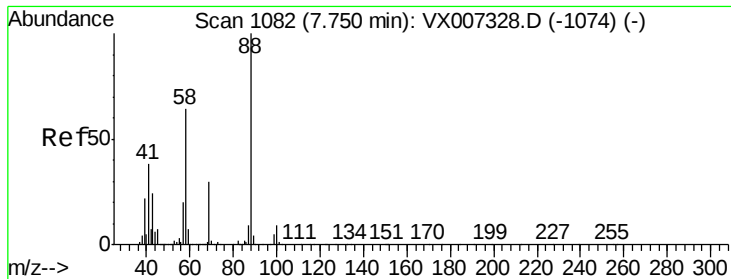


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.515 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

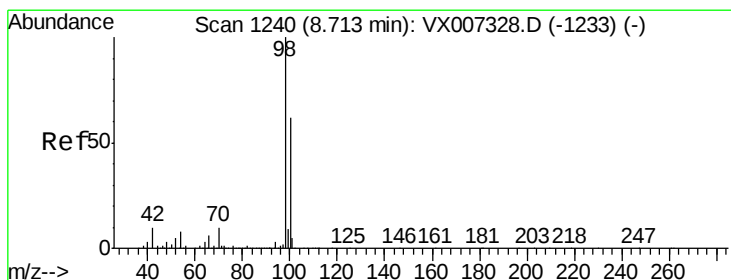
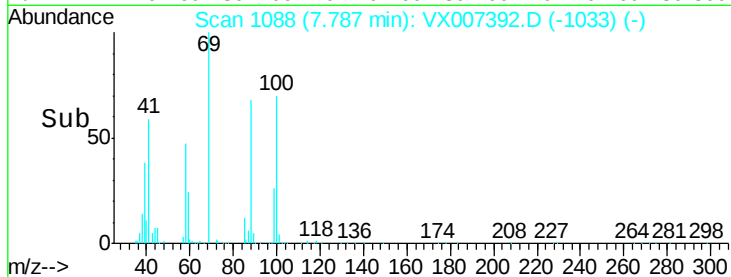
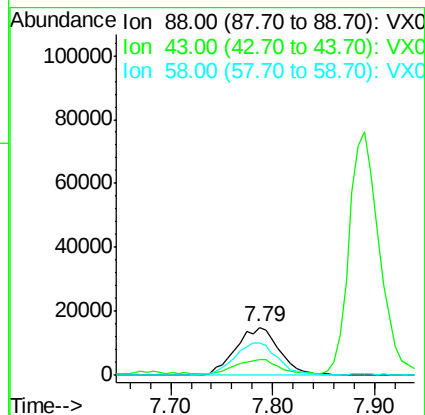
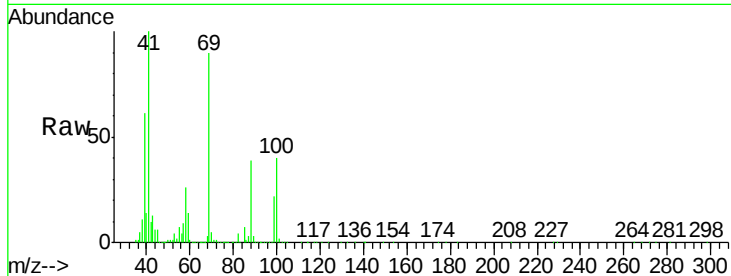
Tot Ion: 88 Resp: 44108

Ion Ratio Lower Upper

88 100

43 30.3 24.2 36.4

58 68.0 53.0 79.4



#50

Toluene-d8

Concen: 48.770 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007392.D

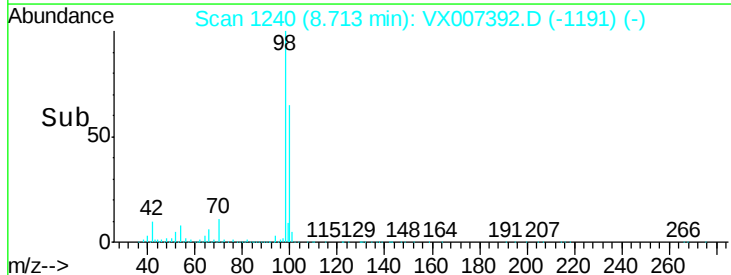
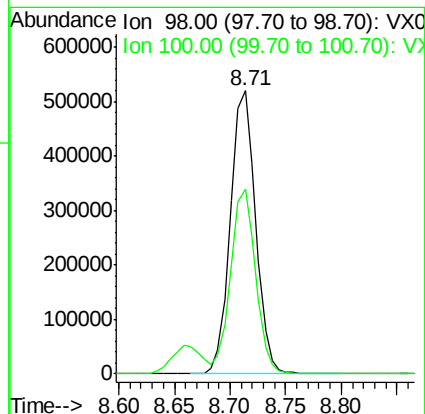
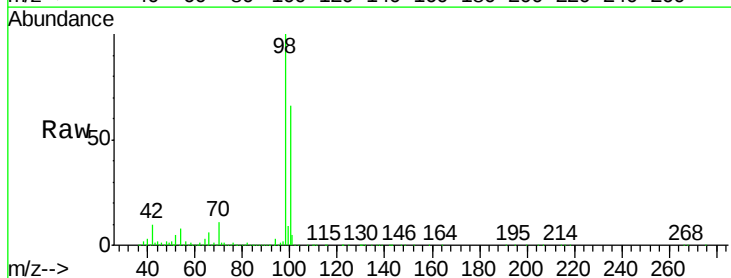
Acq: 06 Feb 2019 11:58

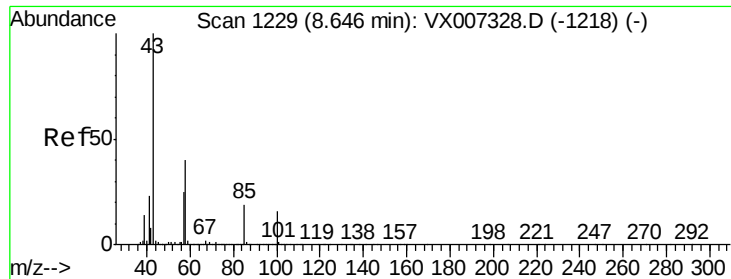
Tgt Ion: 98 Resp: 814425

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 95.937 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

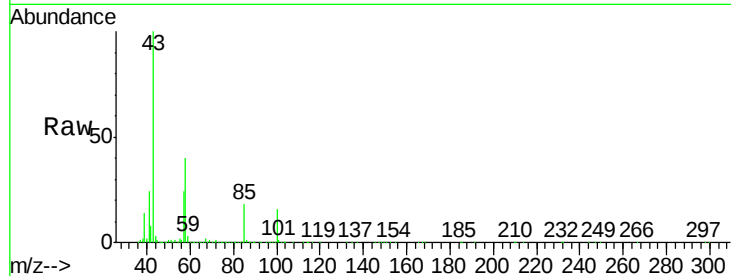
VX0206WBS01

Tot Ion: 43 Resp: 611617

Ion Ratio Lower Upper

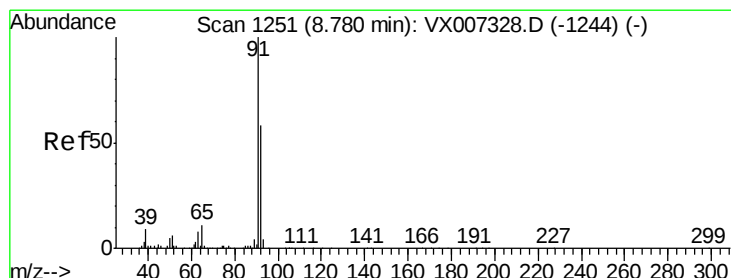
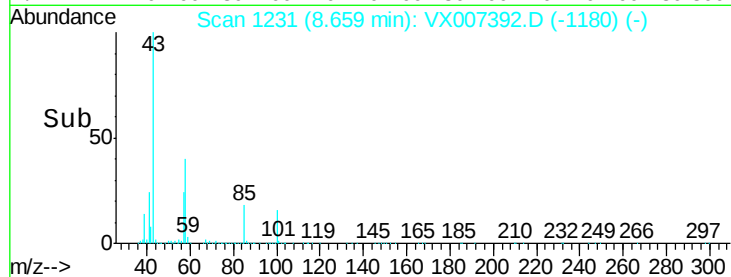
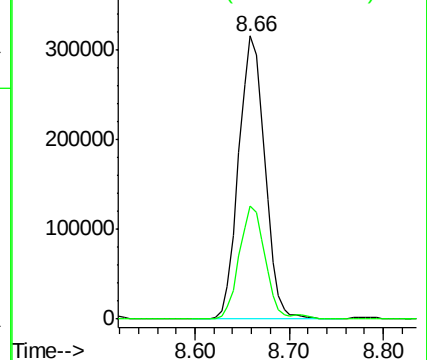
43 100

58 40.2 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.531 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007392.D

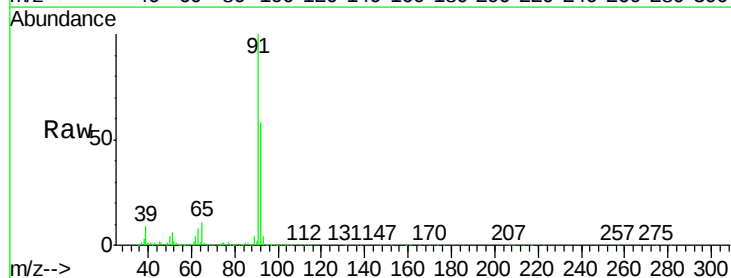
Acq: 06 Feb 2019 11:58

Tgt Ion: 92 Resp: 218587

Ion Ratio Lower Upper

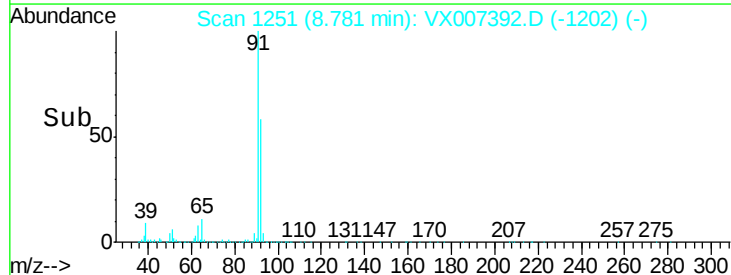
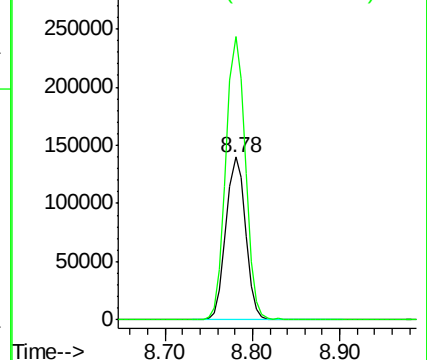
92 100

91 172.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.348 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

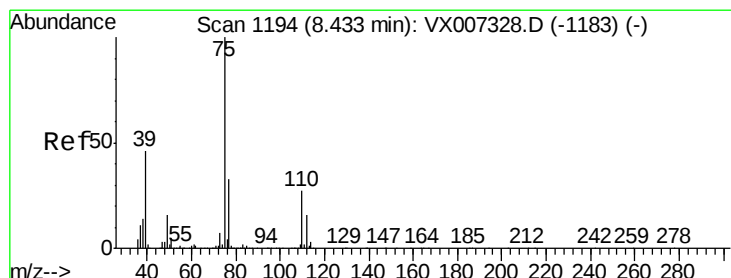
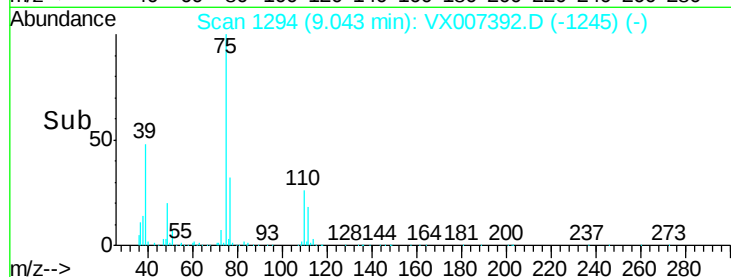
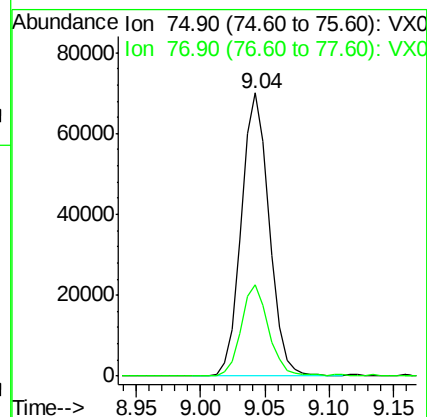
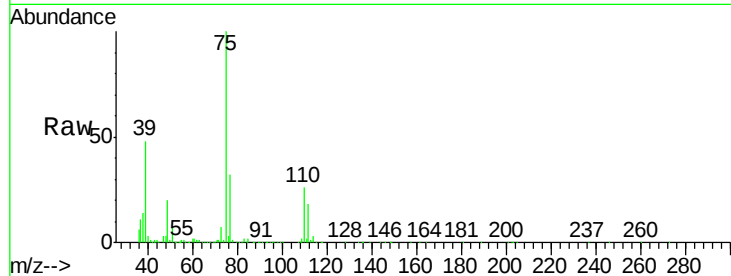
VX0206WBS01

Tot Ion: 75 Resp: 105148

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 17.727 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

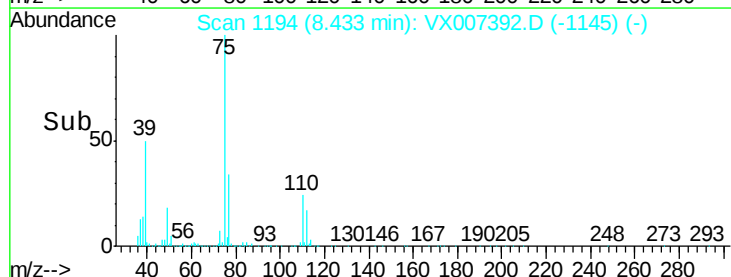
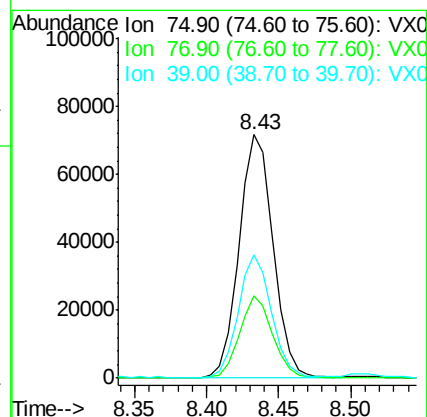
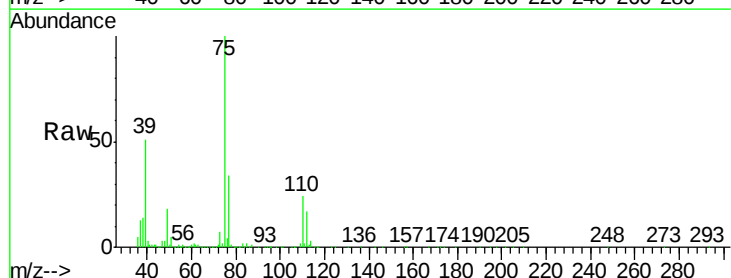
Tgt Ion: 75 Resp: 118155

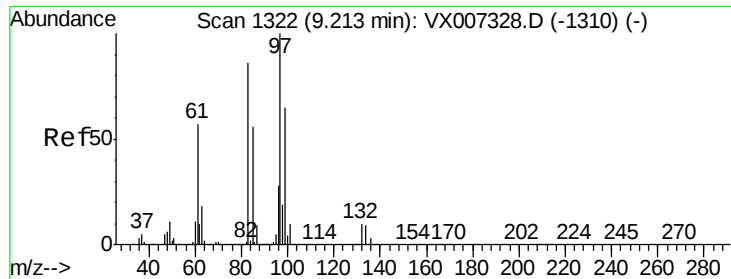
Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.4

39 50.4 37.1 55.7

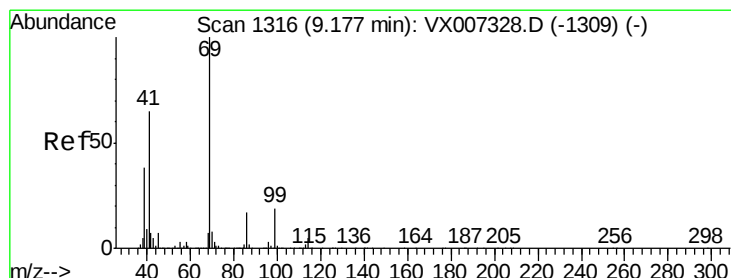
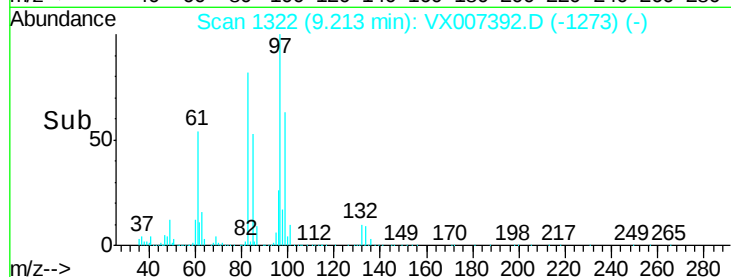
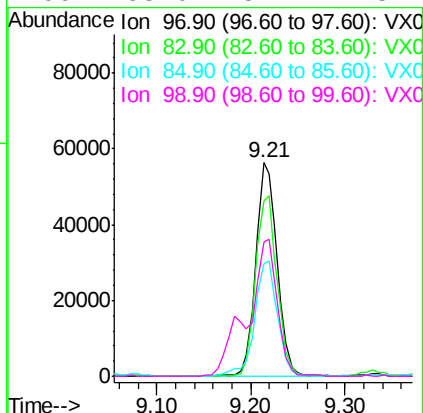
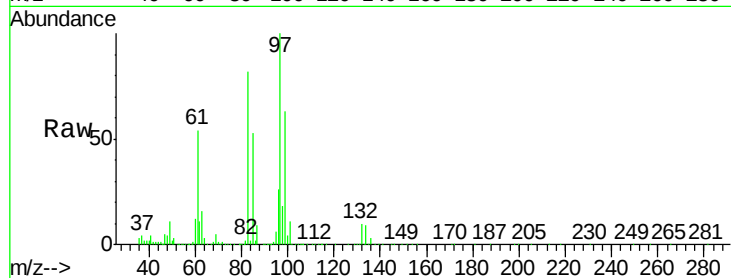




#55
 1,1,2-Trichloroethane
 Concen: 18.320 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

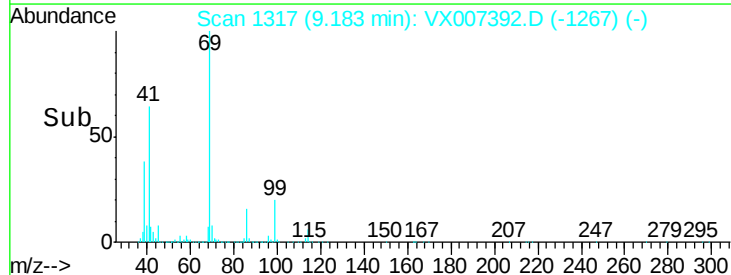
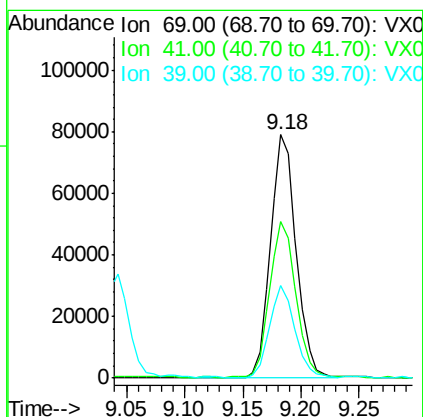
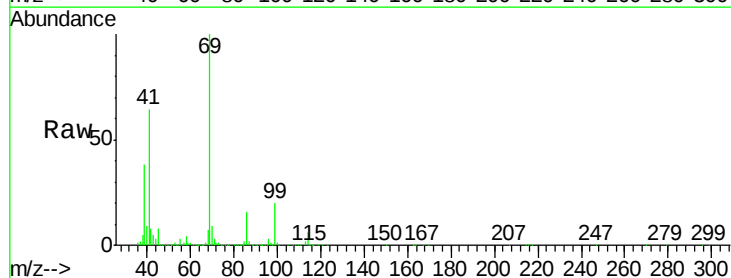
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

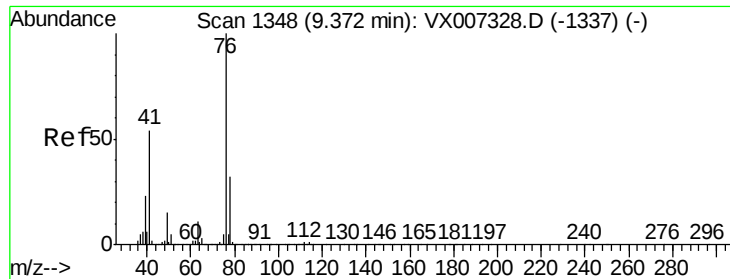
Tot Ion:	97	Resp:	90079
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.6	102.8
85	52.5	44.5	66.7
99	63.0	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 17.755 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion:	69	Resp:	120917
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.1	78.1
39	37.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 18.461 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

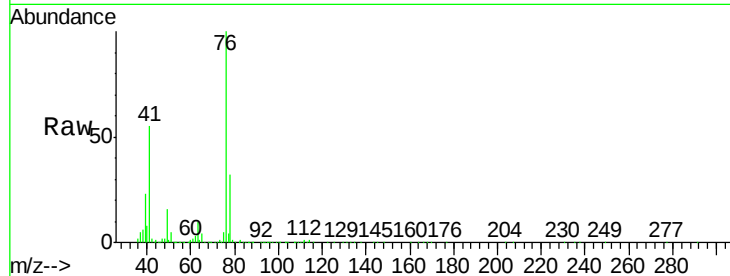
VX0206WBS01

Tot Ion: 76 Resp: 144359

Ion Ratio Lower Upper

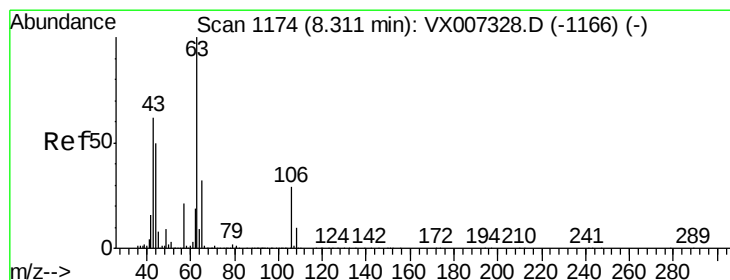
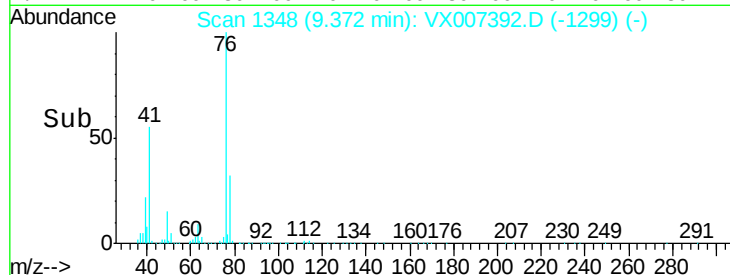
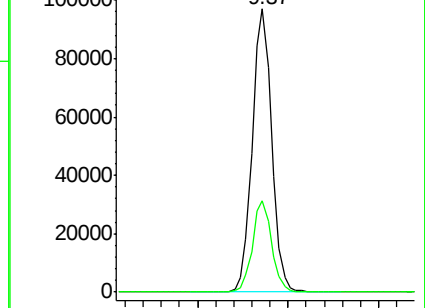
76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.630 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007392.D

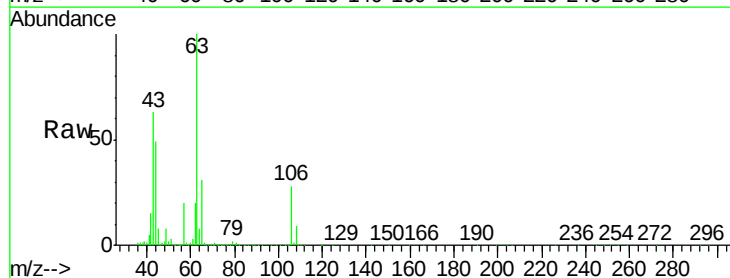
Acq: 06 Feb 2019 11:58

Tgt Ion: 63 Resp: 350446

Ion Ratio Lower Upper

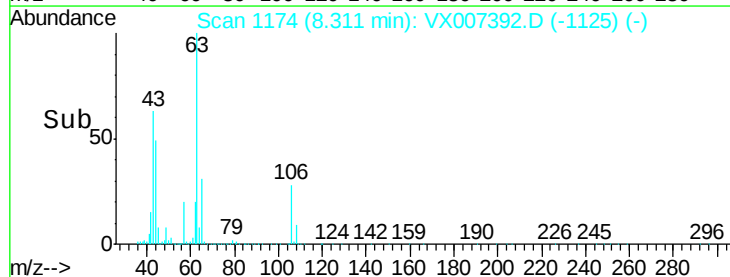
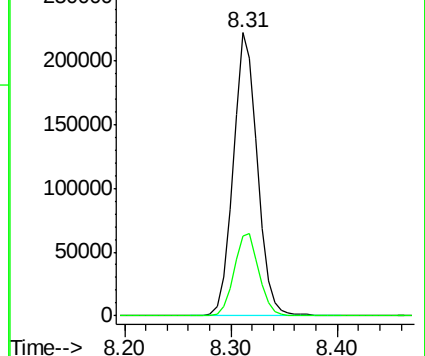
63 100

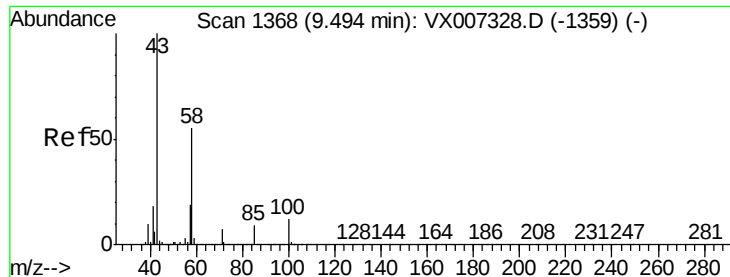
106 30.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

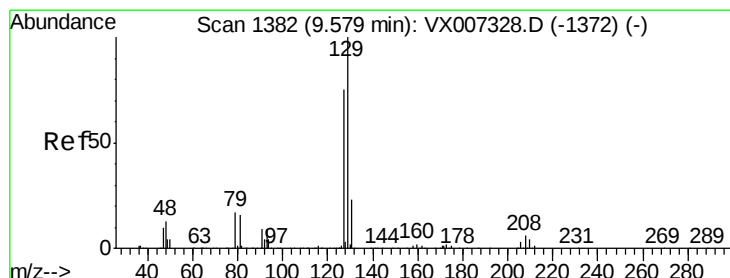
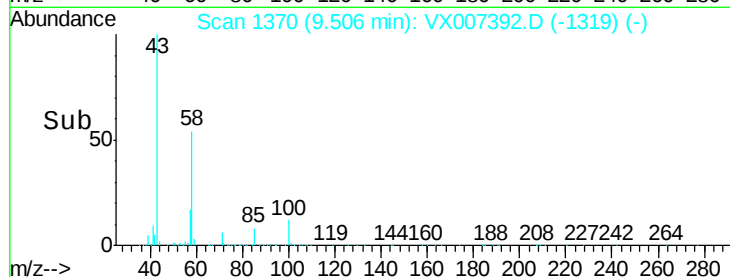
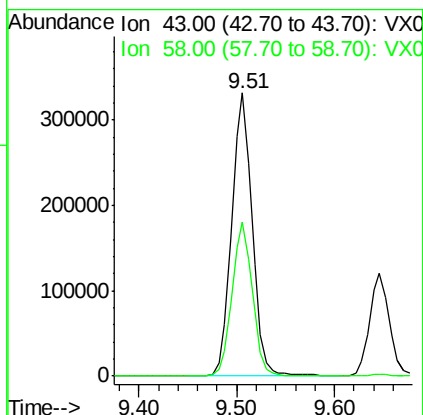
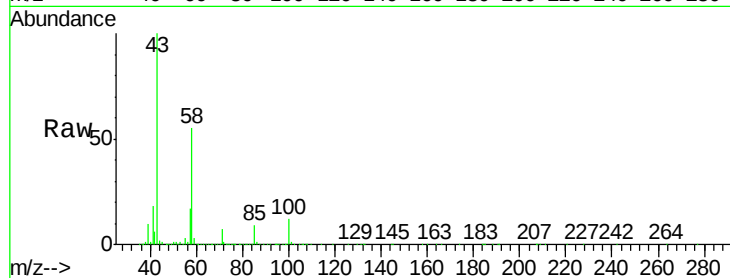




#59
2-Hexanone
Concen: 97.040 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

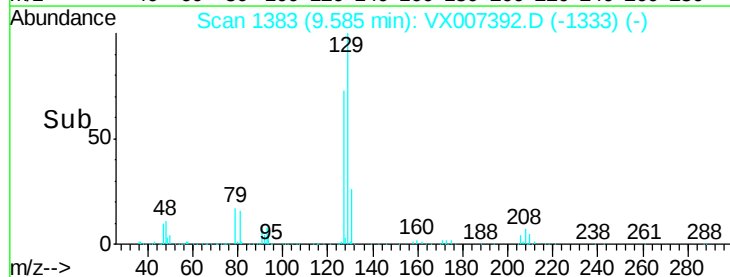
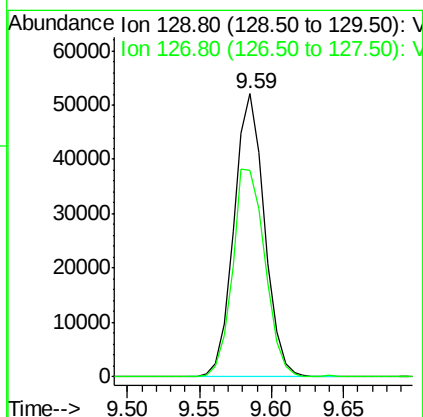
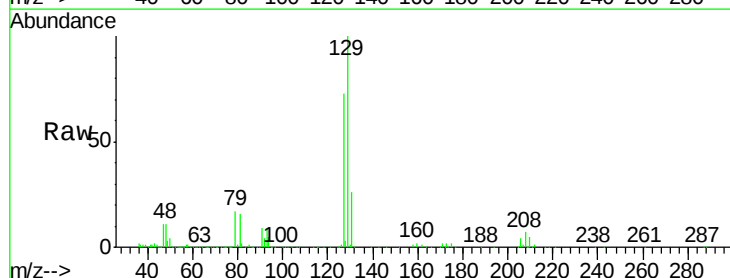
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

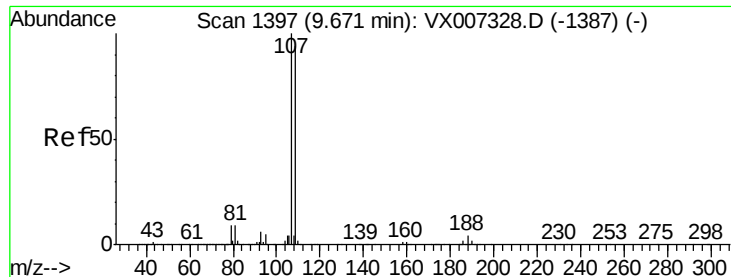
Tot Ion: 43 Resp: 481412
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 16.620 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 129 Resp: 77288
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.157 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

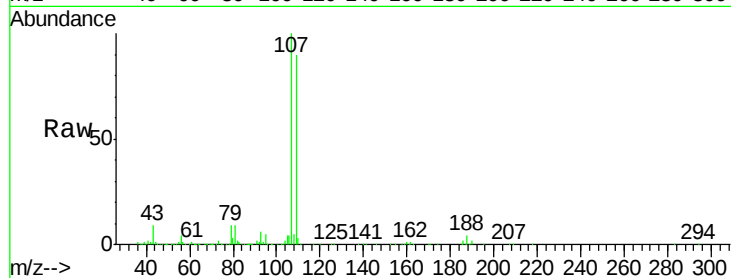
VX0206WBS01

Tot Ion:107 Resp: 94549

Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

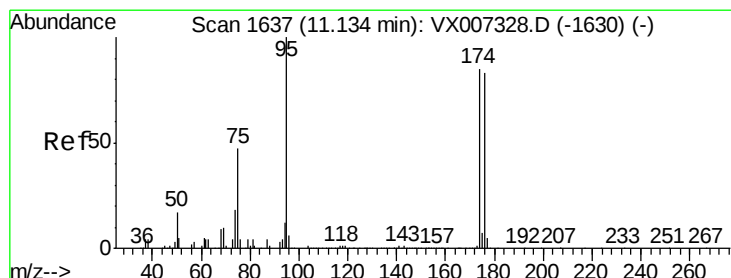
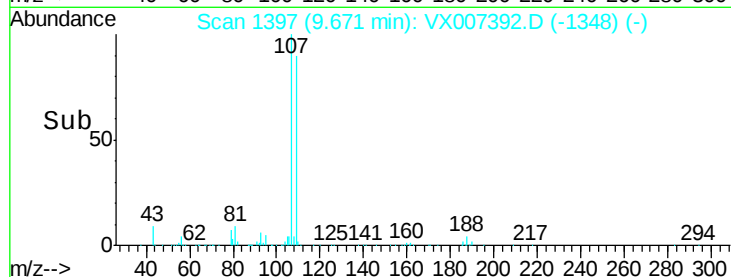
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.470 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

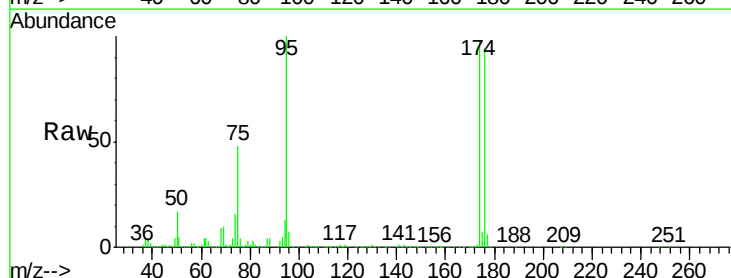
Tgt Ion: 95 Resp: 301620

Ion Ratio Lower Upper

95 100

174 96.1 0.0 189.2

176 92.5 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

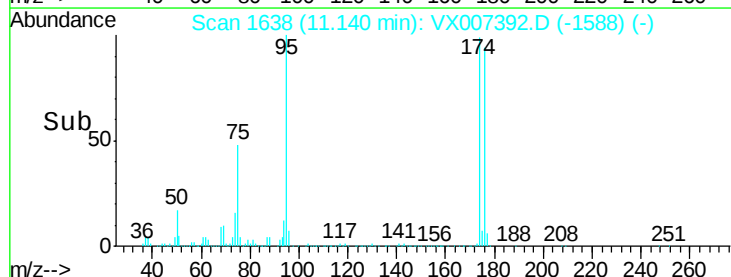
100000

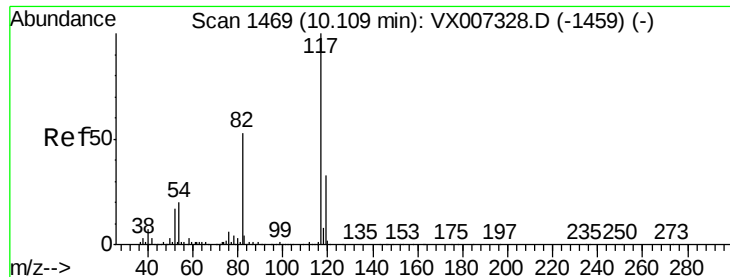
50000

0

11.10 11.20

Time-->

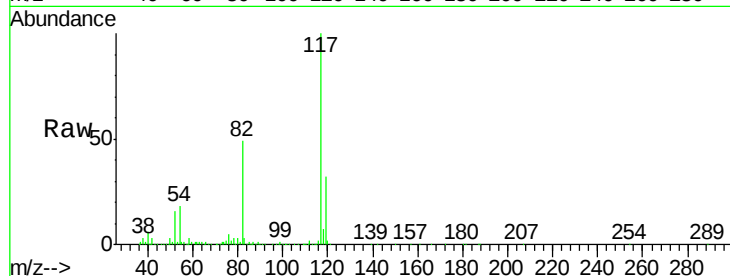




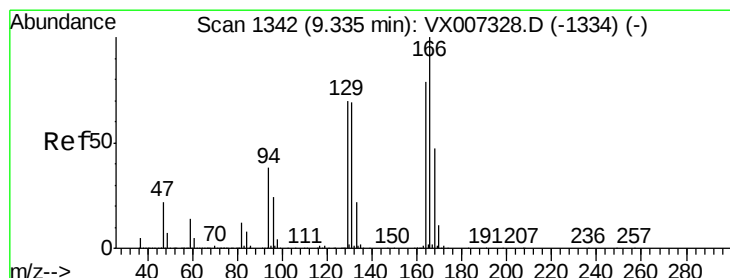
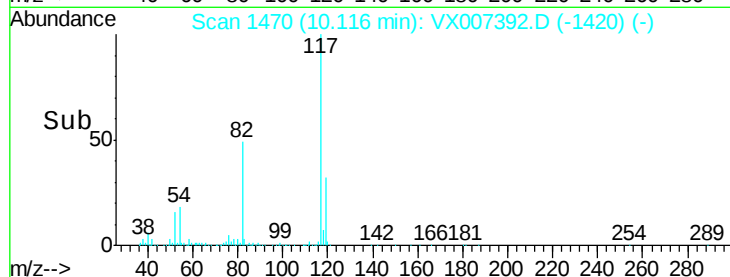
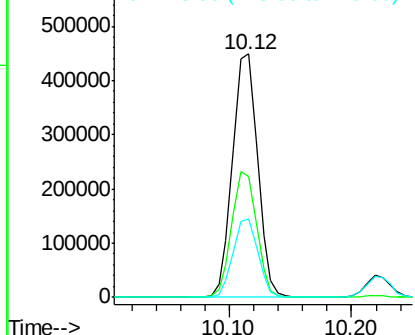
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion:117 Resp: 638913
Ion Ratio Lower Upper
117 100
82 49.5 42.1 63.1
119 32.3 26.5 39.7



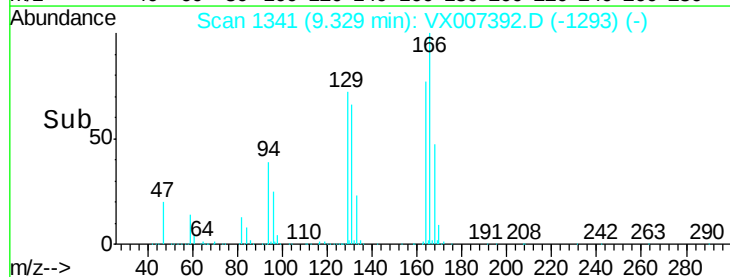
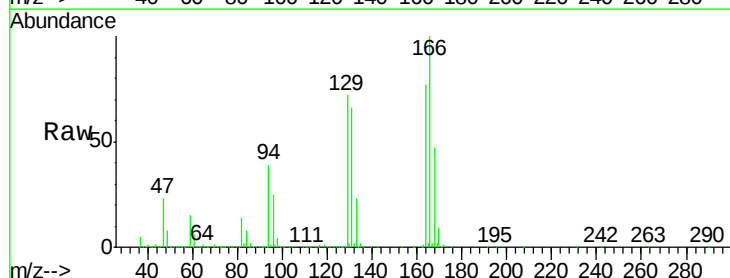
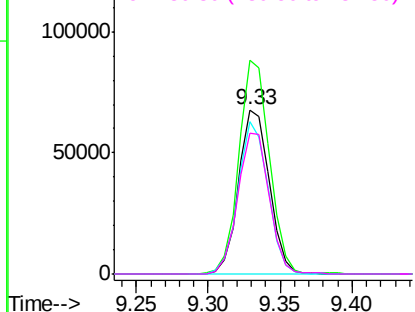
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

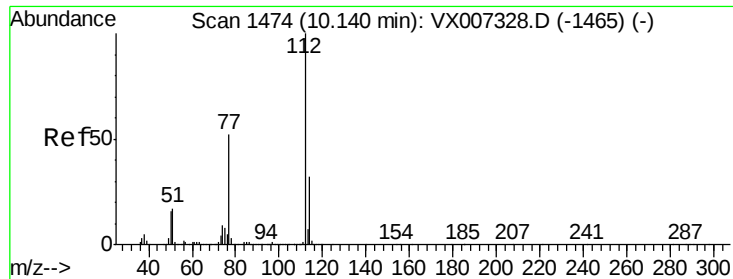


#64
Tetrachloroethene
Concen: 16.590 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion:164 Resp: 99904
Ion Ratio Lower Upper
164 100
166 129.8 101.0 151.4
129 93.0 70.5 105.7
131 85.7 69.8 104.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.514 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

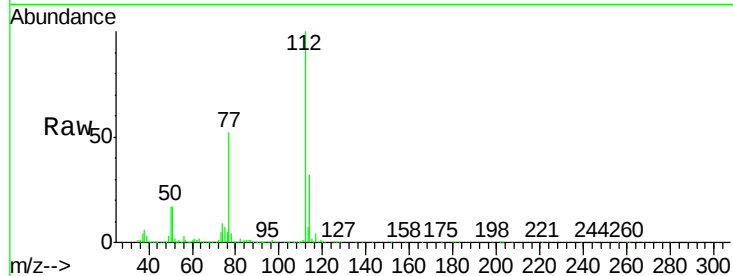
VX0206WBS01

Tot Ion:112 Resp: 244187

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

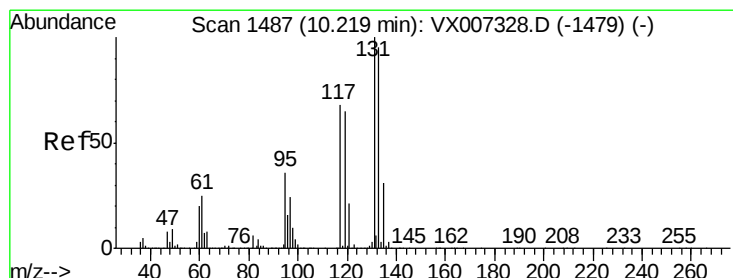
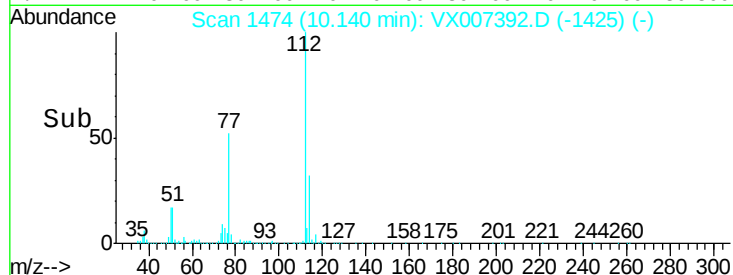
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.797 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

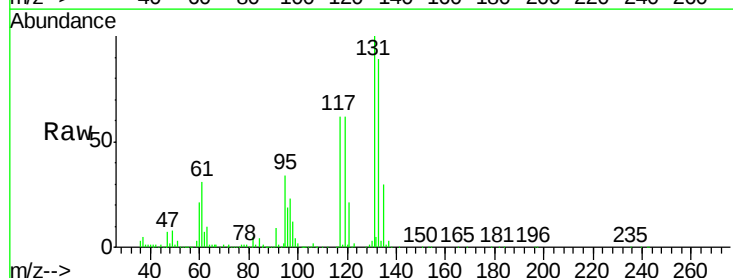
Tgt Ion:131 Resp: 83193

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 65.5 32.0 96.0



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

200000

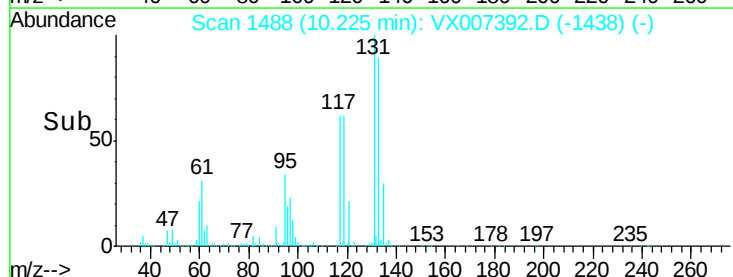
150000

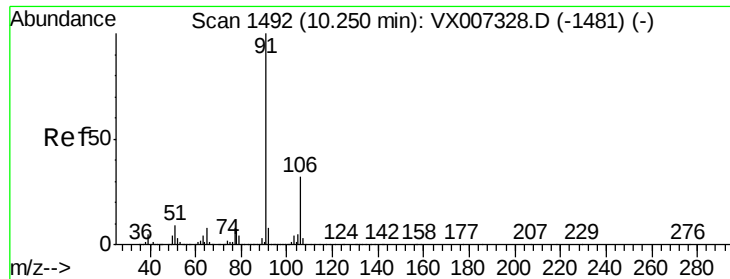
100000

50000

0

Time-->

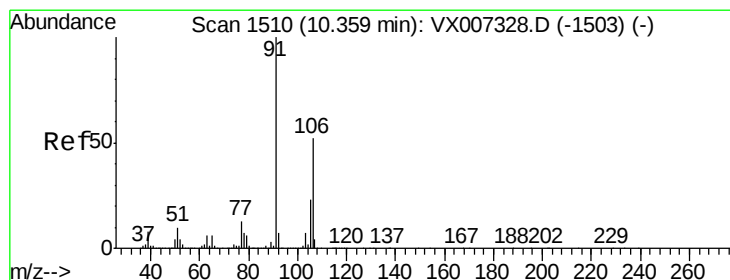
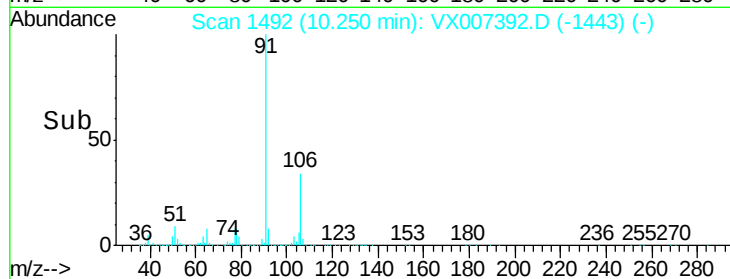
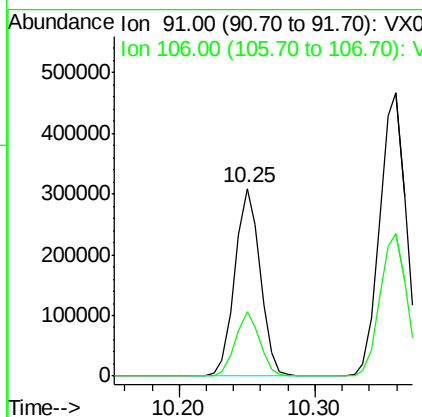
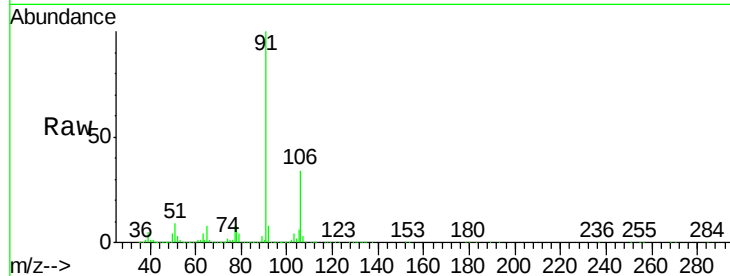




#67
Ethyl Benzene
Concen: 17.847 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

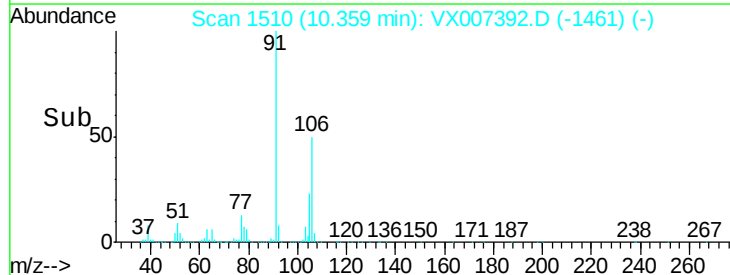
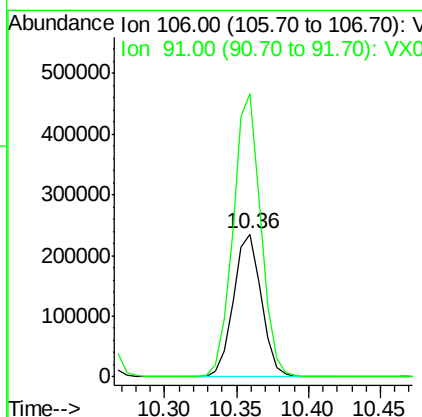
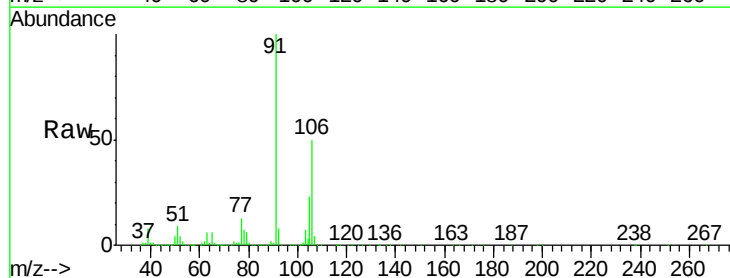
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

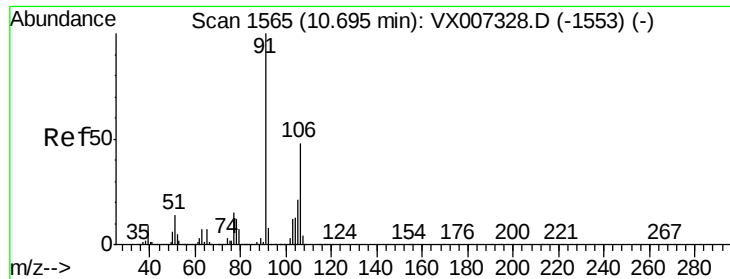
Tot Ion: 91 Resp: 400701
Ion Ratio Lower Upper
91 100
106 34.0 25.4 38.0



#68
m/p-Xylenes
Concen: 35.635 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 106 Resp: 318051
Ion Ratio Lower Upper
106 100
91 197.5 156.6 234.8

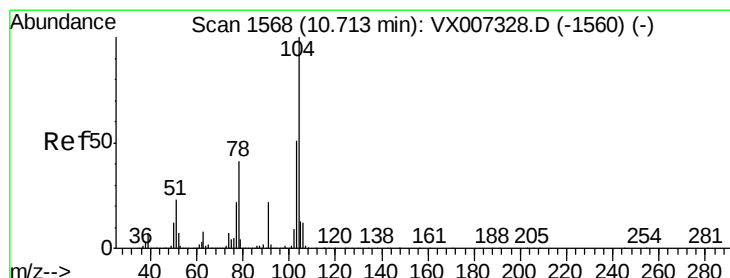
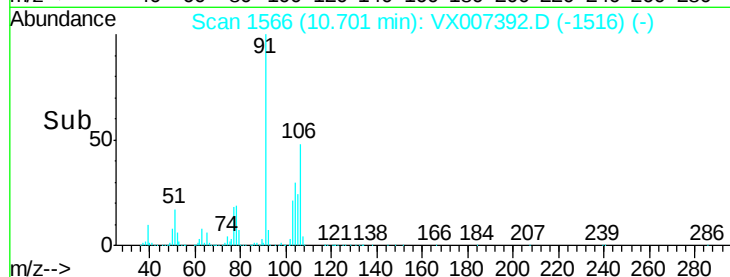
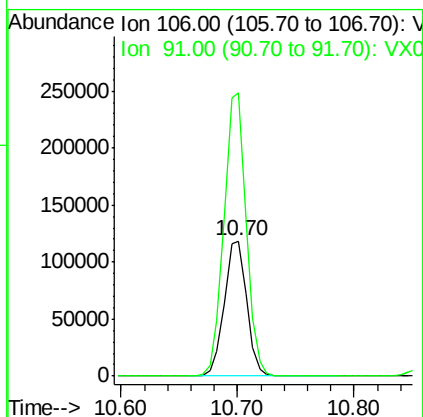
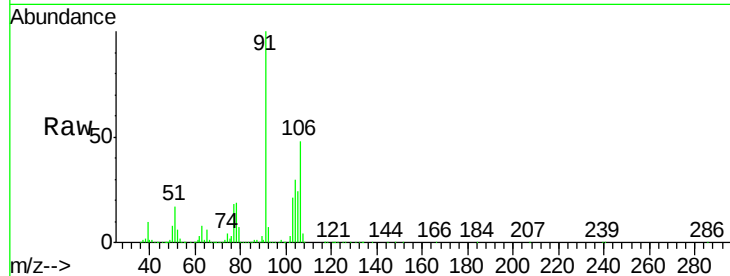




#69
o-Xylene
Concen: 18.417 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

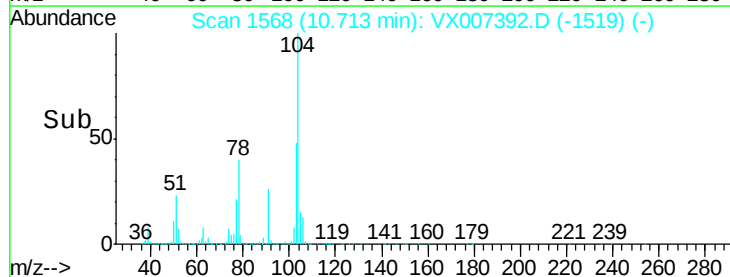
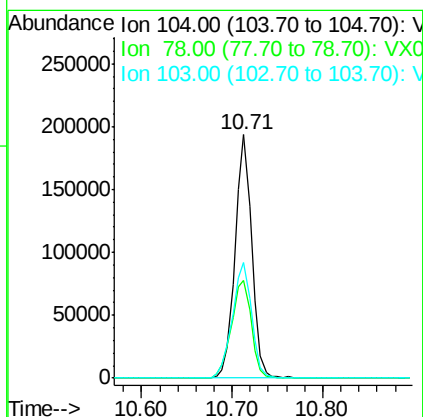
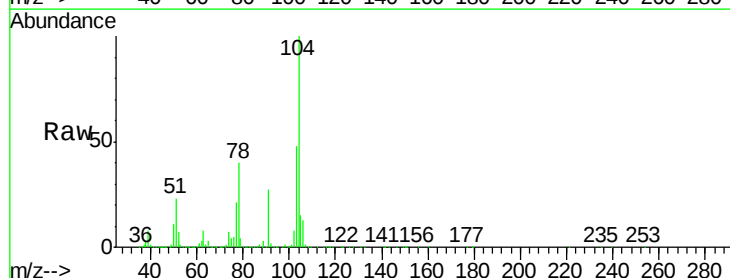
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

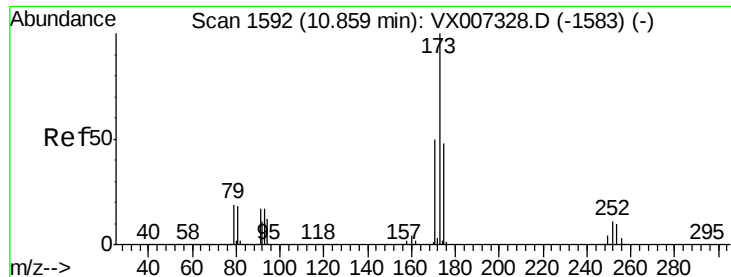
Tot Ion:106 Resp: 158170
Ion Ratio Lower Upper
106 100
91 207.8 102.9 308.7



#70
Styrene
Concen: 17.823 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion:104 Resp: 248246
Ion Ratio Lower Upper
104 100
78 47.6 38.3 57.5
103 54.6 44.6 67.0





#71

Bromoform

Concen: 17.081 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

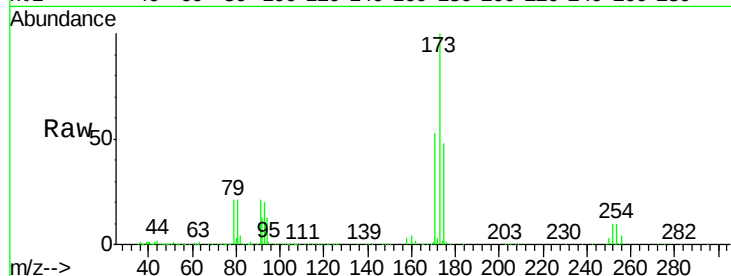
Tot Ion:173 Resp: 58200

Ion Ratio Lower Upper

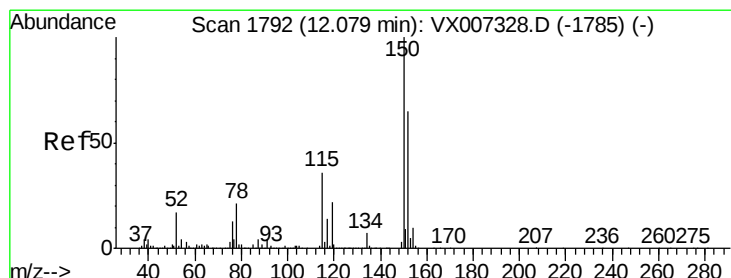
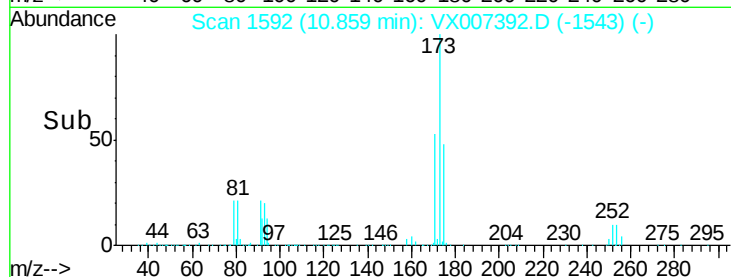
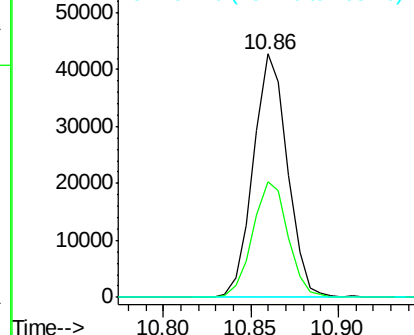
173 100

175 49.1 24.2 72.6

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

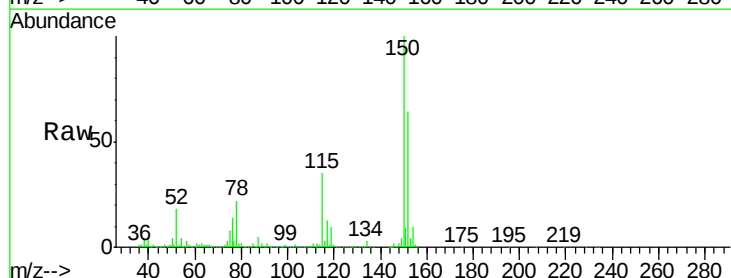
Tgt Ion:152 Resp: 351147

Ion Ratio Lower Upper

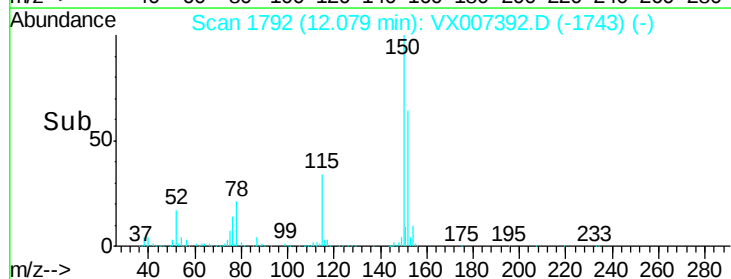
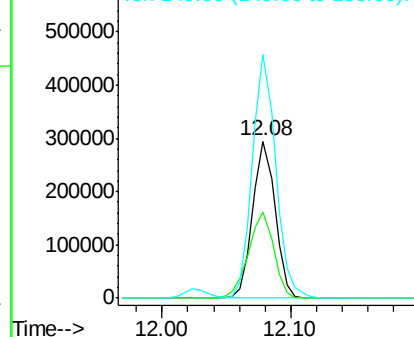
152 100

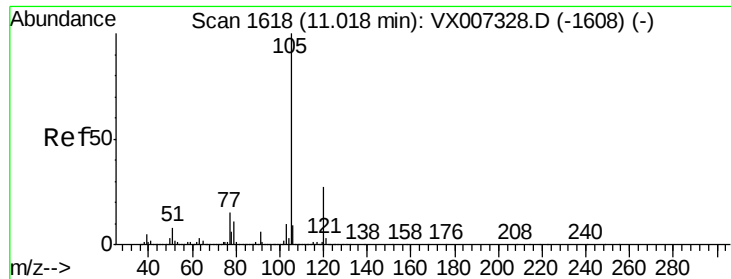
115 62.1 38.0 114.0

150 162.2 0.0 346.4



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

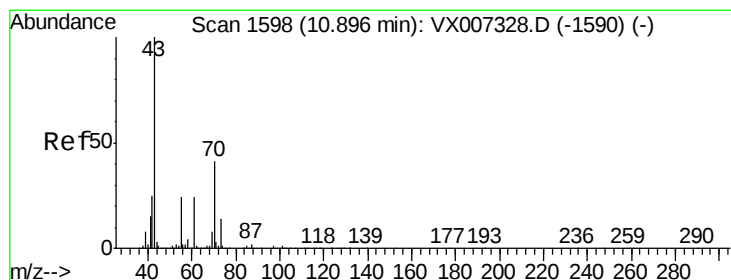
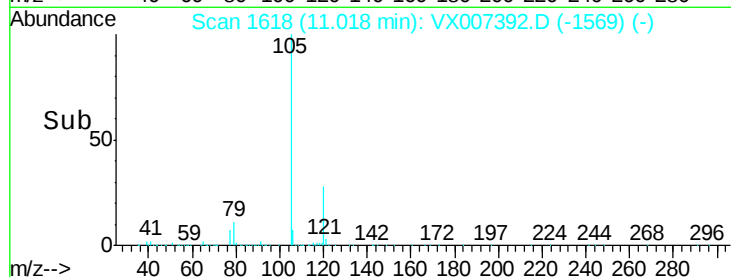
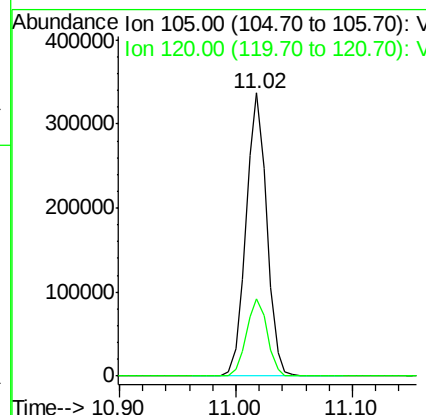
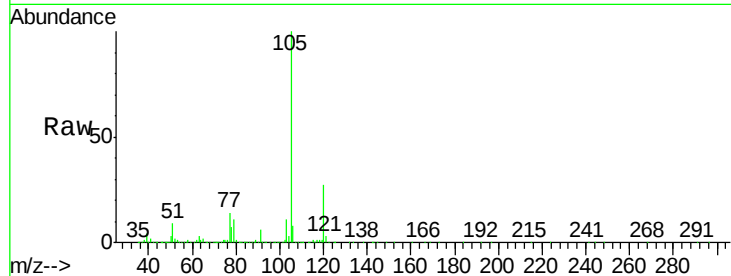




#73
Isopropylbenzene
Concen: 17.552 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

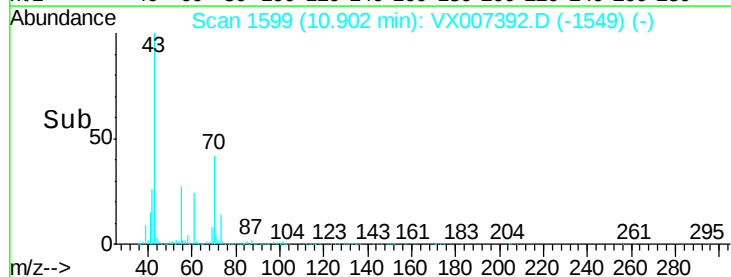
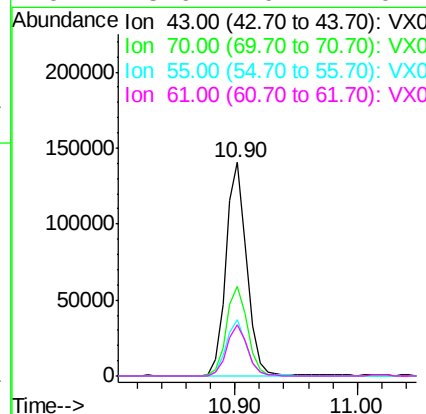
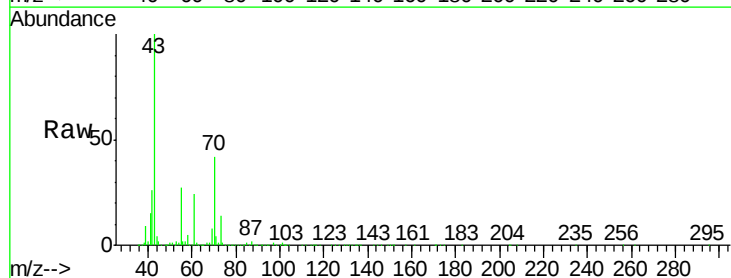
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

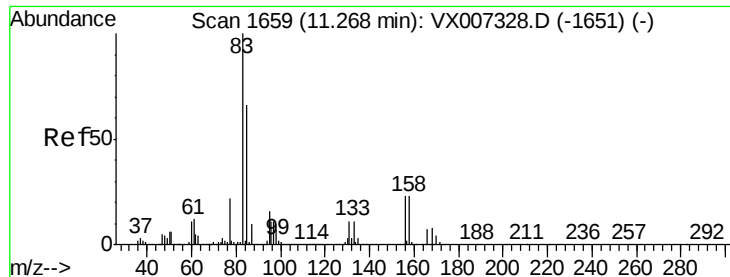
Tot Ion:105 Resp: 418840
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7



#74
N-ethyl acetate
Concen: 17.929 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 43 Resp: 165477
Ion Ratio Lower Upper
43 100
70 43.1 33.8 50.6
55 26.6 19.5 29.3
61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.422 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

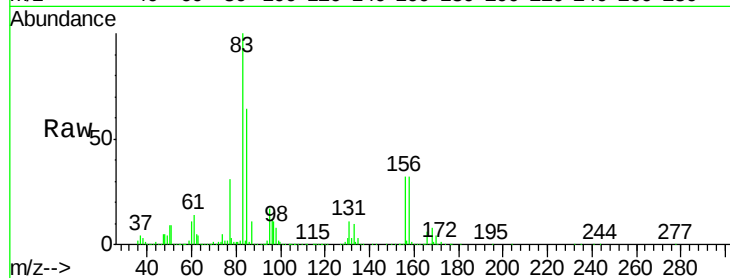
Tot Ion: 83 Resp: 141244

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.0

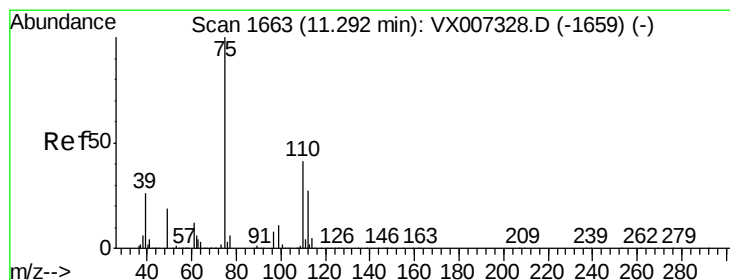
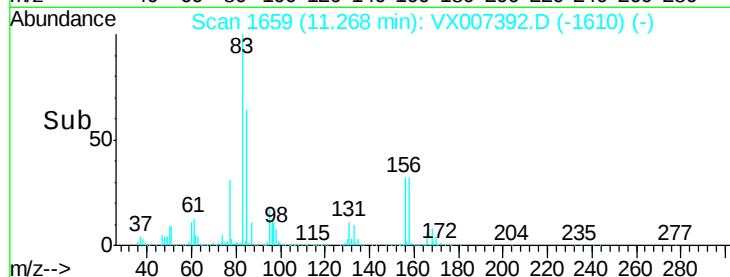
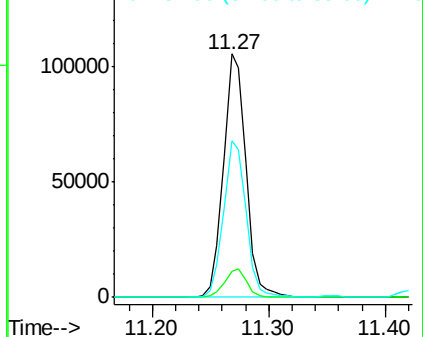
85 64.4 32.8 98.3



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: 21.838 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007392.D

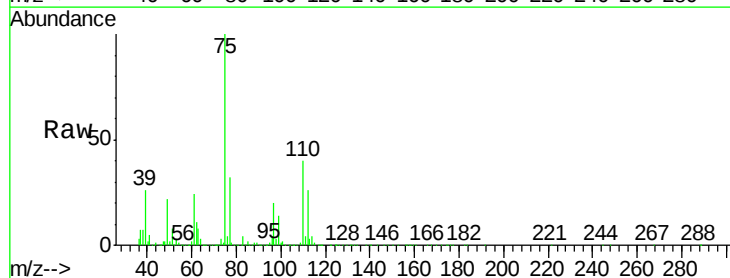
Acq: 06 Feb 2019 11:58

Tgt Ion: 75 Resp: 149161

Ion Ratio Lower Upper

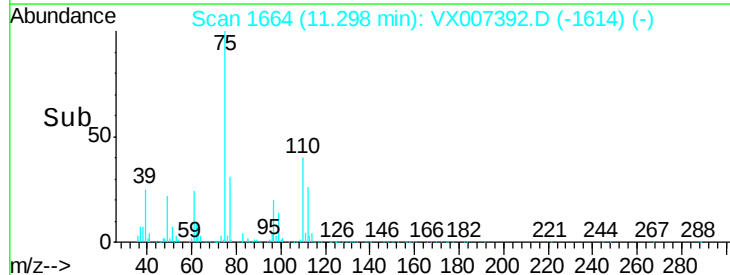
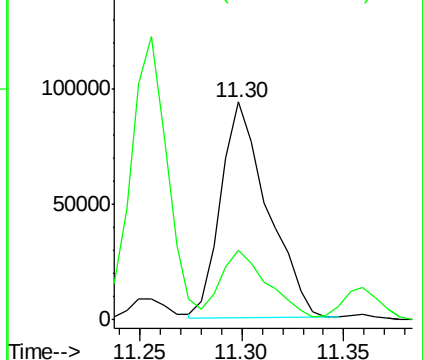
75 100

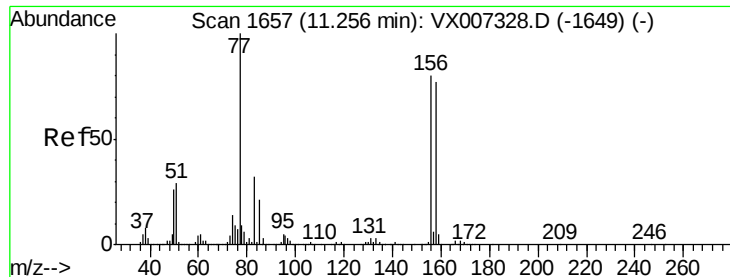
77 32.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.904 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

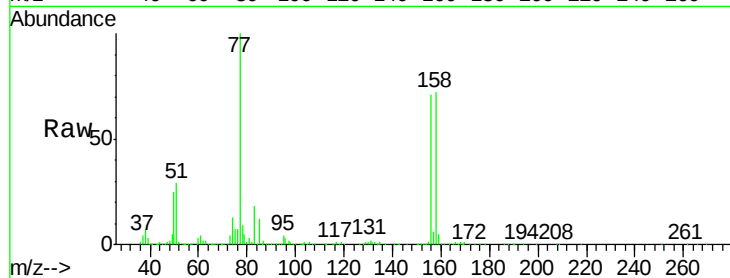
Tot Ion:156 Resp: 113652

Ion Ratio Lower Upper

156 100

77 134.4 66.8 200.6

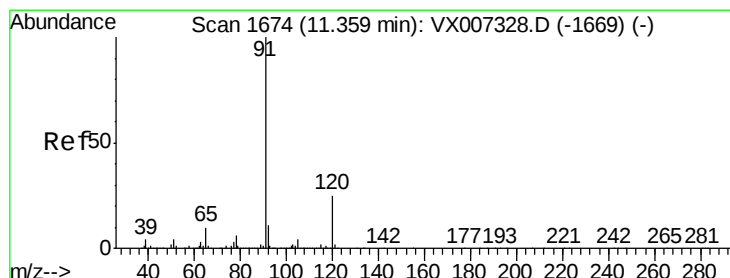
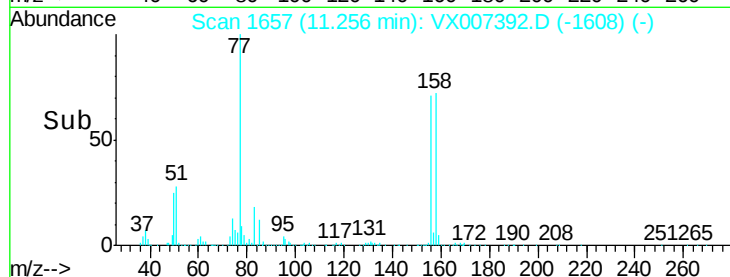
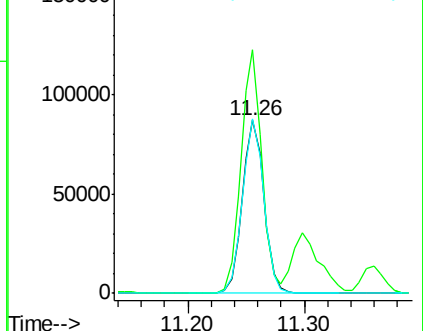
158 99.1 47.9 143.8



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: 17.350 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007392.D

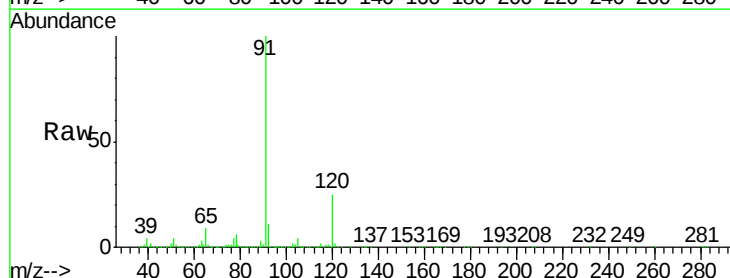
Acq: 06 Feb 2019 11:58

Tgt Ion: 91 Resp: 453977

Ion Ratio Lower Upper

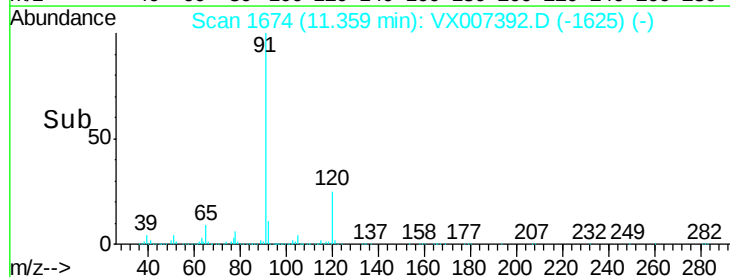
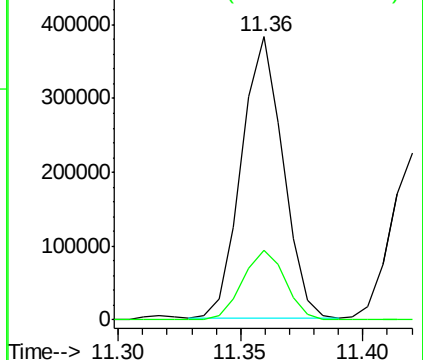
91 100

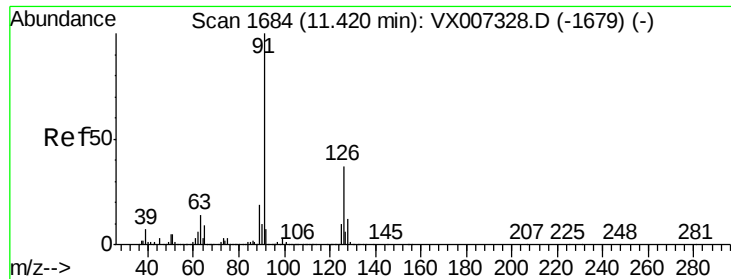
120 25.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.661 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

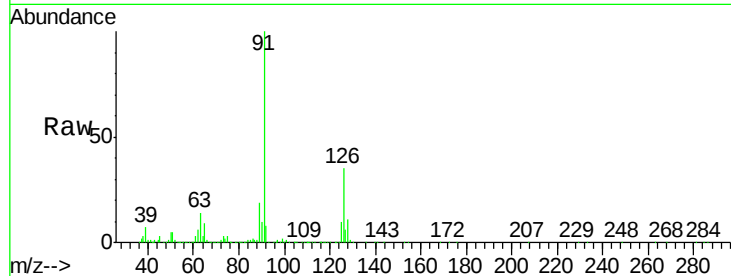
VX0206WBS01

Tot Ion: 91 Resp: 280414

Ion Ratio Lower Upper

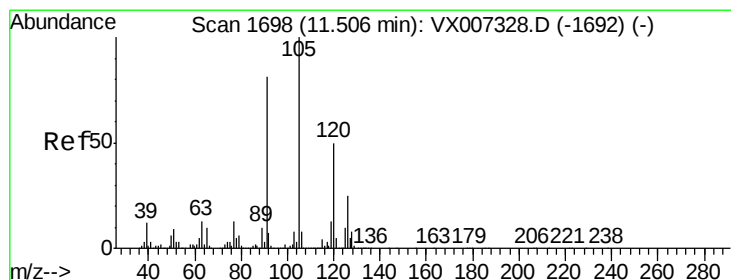
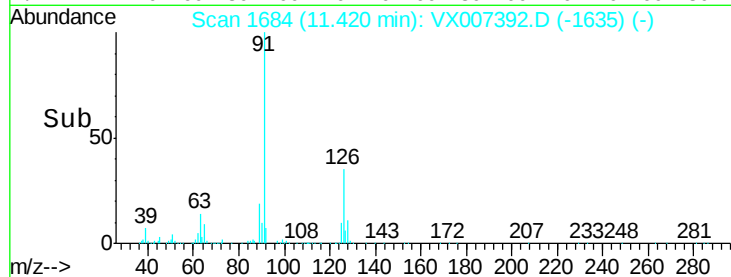
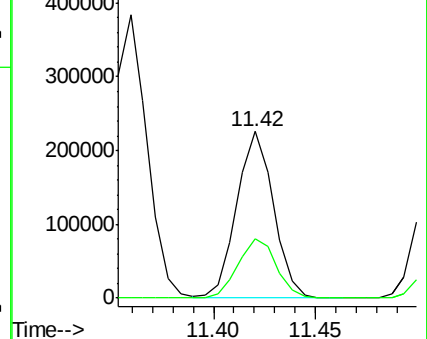
91 100

126 37.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.896 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007392.D

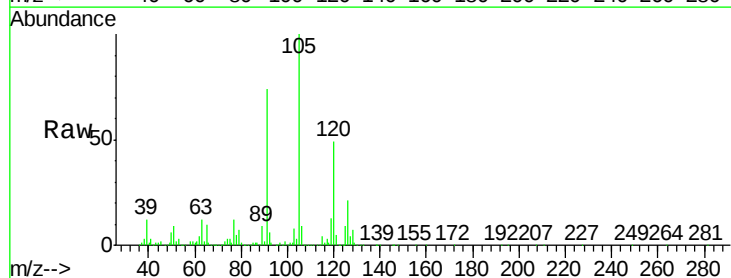
Acq: 06 Feb 2019 11:58

Tgt Ion: 105 Resp: 349362

Ion Ratio Lower Upper

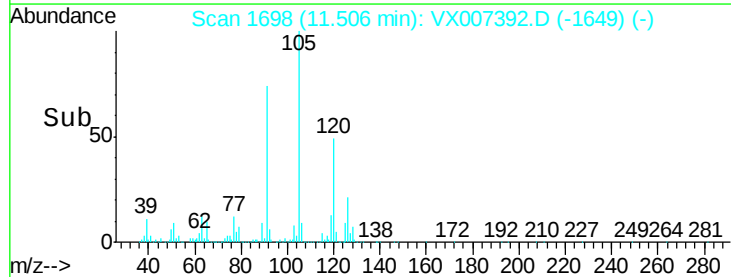
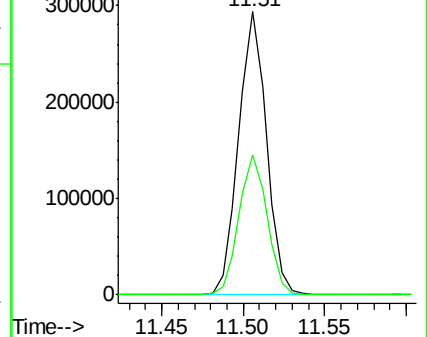
105 100

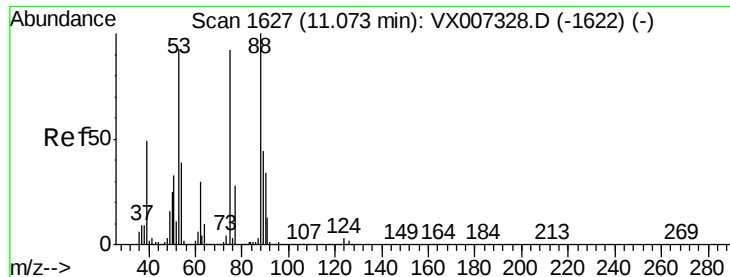
120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.814 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

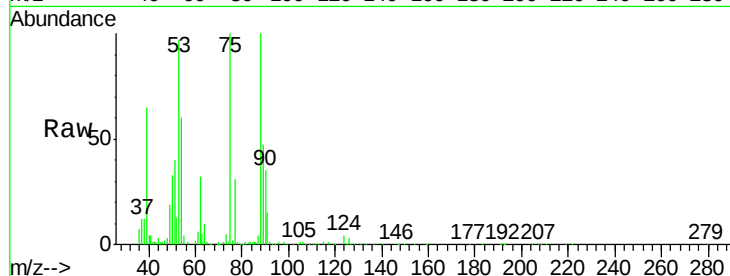
Tot Ion: 75 Resp: 32793

Ion Ratio Lower Upper

75 100

53 106.4 81.0 121.6

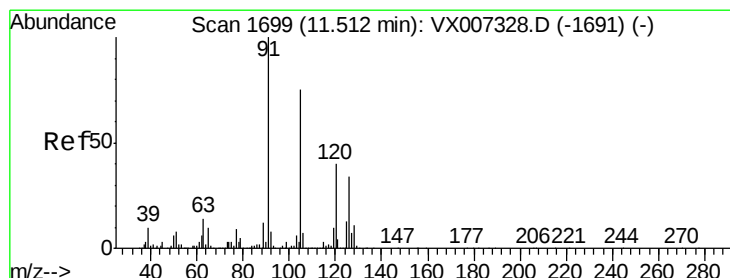
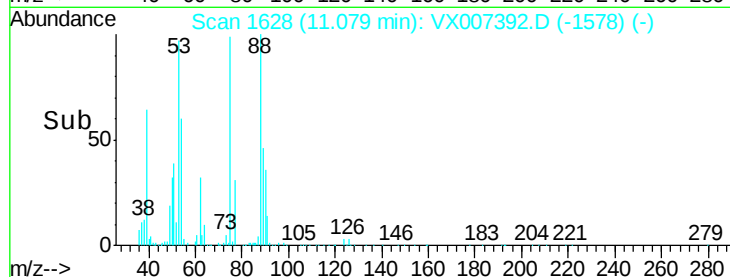
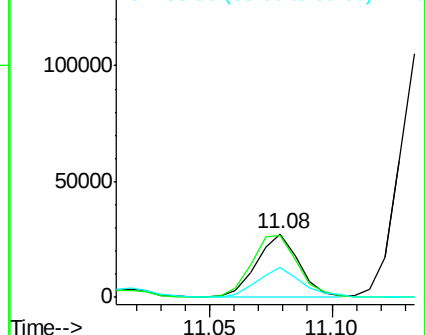
89 50.8 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.544 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007392.D

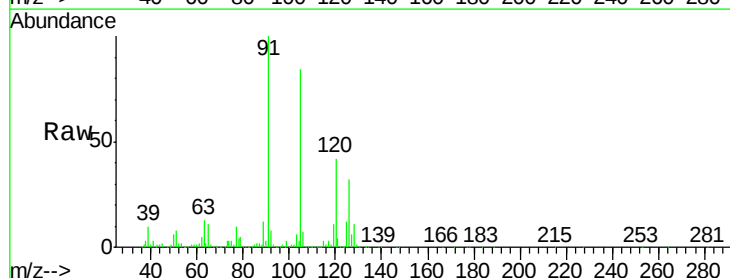
Acq: 06 Feb 2019 11:58

Tgt Ion: 91 Resp: 322308

Ion Ratio Lower Upper

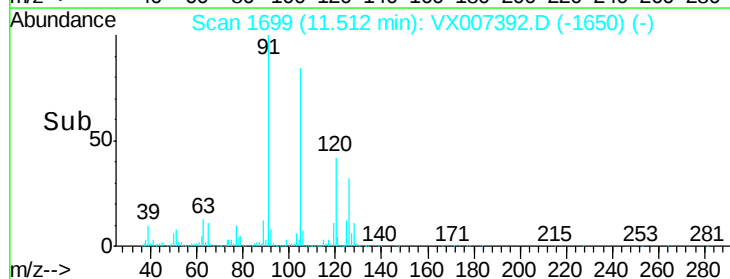
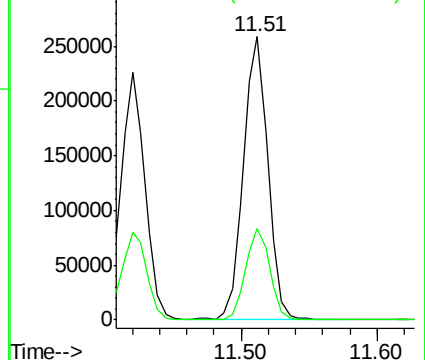
91 100

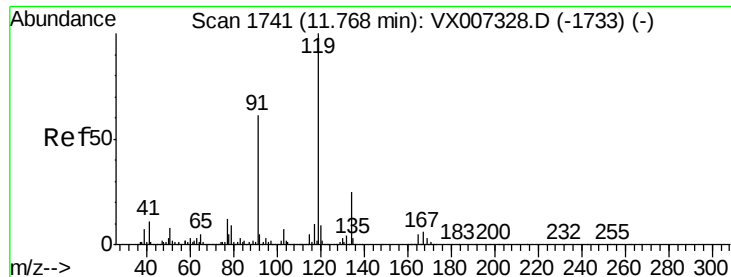
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.223 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

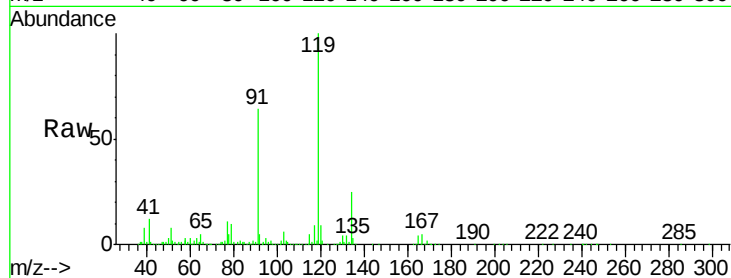
Tot Ion:119 Resp: 352216

Ion Ratio Lower Upper

119 100

91 56.2 28.5 85.6

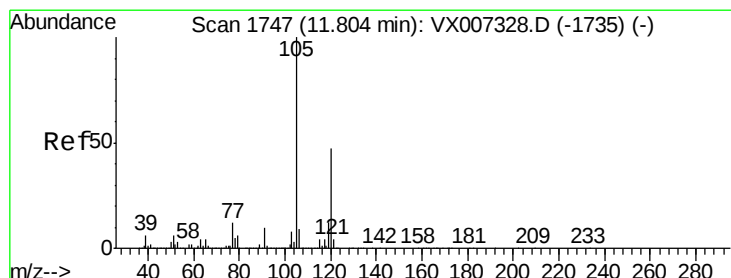
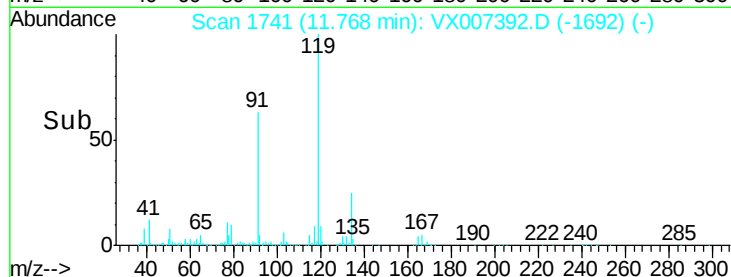
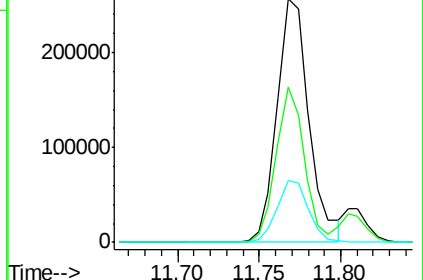
134 24.9 12.0 36.0



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: 18.183 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007392.D

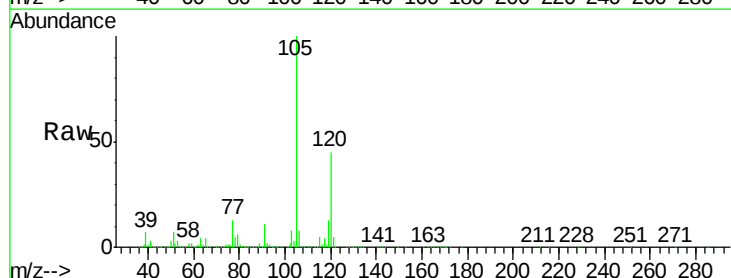
Acq: 06 Feb 2019 11:58

Tgt Ion:105 Resp: 360385

Ion Ratio Lower Upper

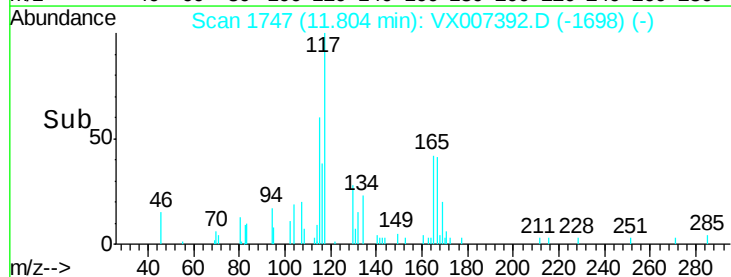
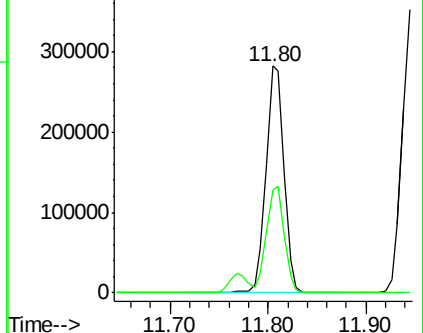
105 100

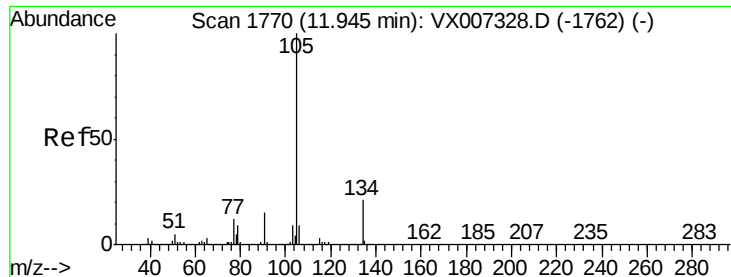
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.007 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

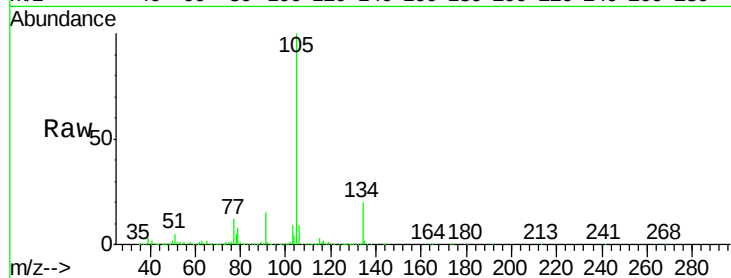
VX0206WBS01

Tot Ion:105 Resp: 421230

Ion Ratio Lower Upper

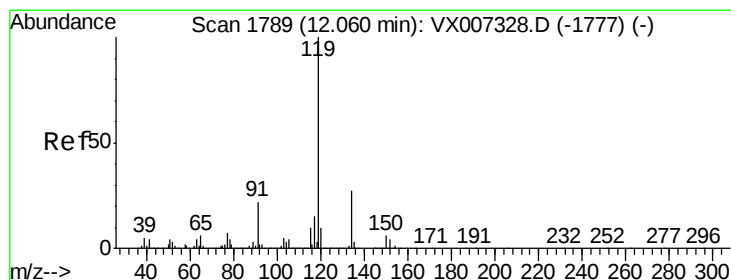
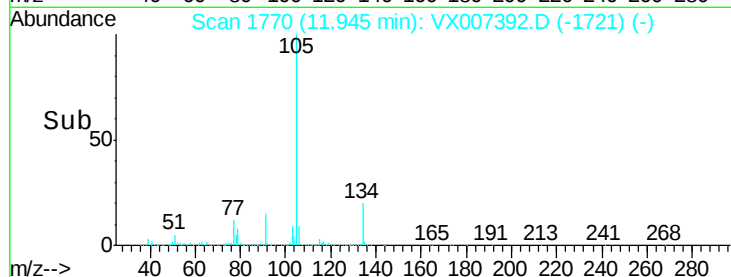
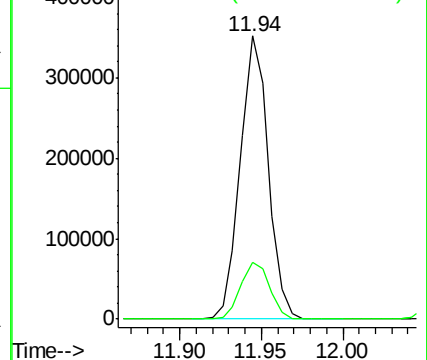
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.616 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

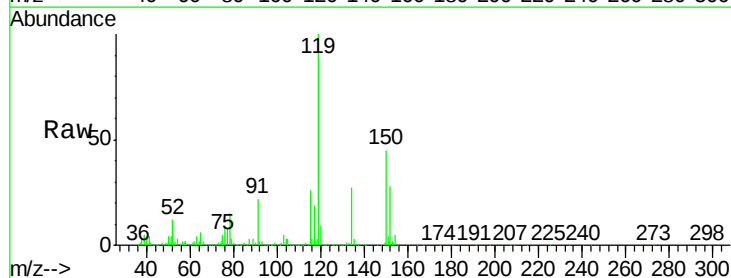
Tgt Ion:119 Resp: 371997

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

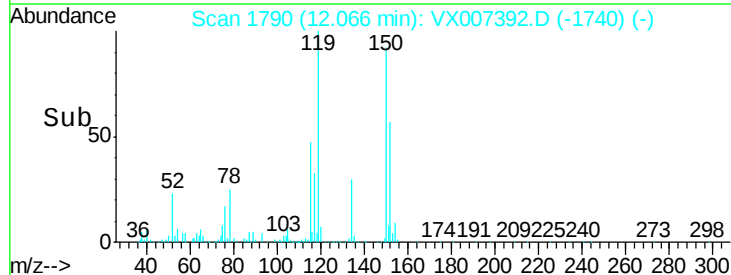
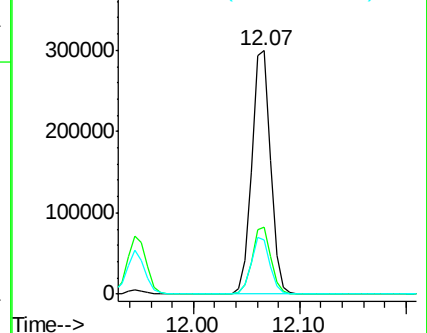
91 23.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.159 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

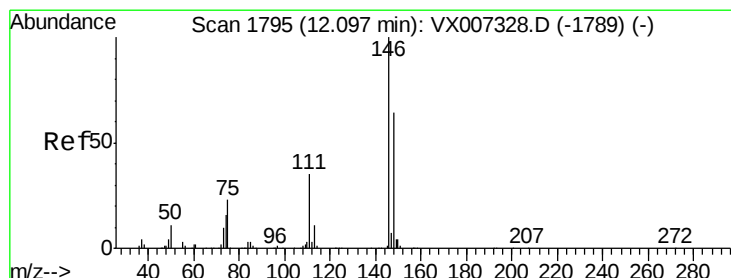
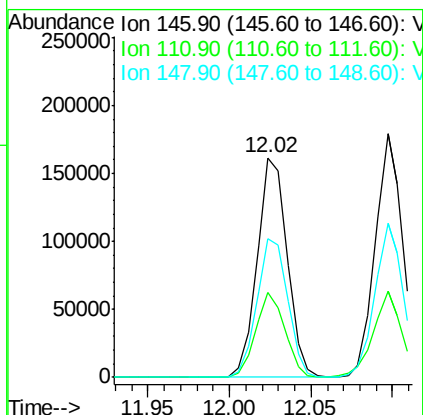
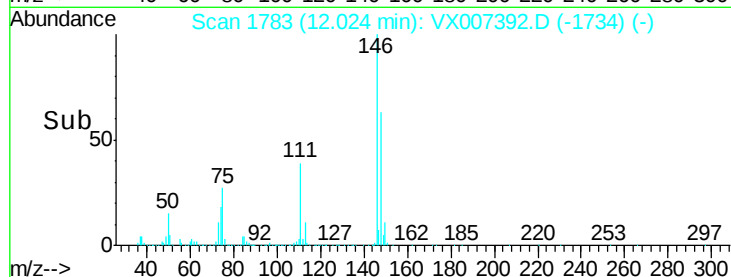
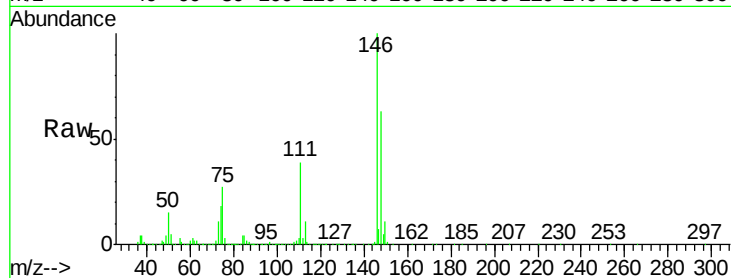
Tot Ion:146 Resp: 207045

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

148 65.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 17.454 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

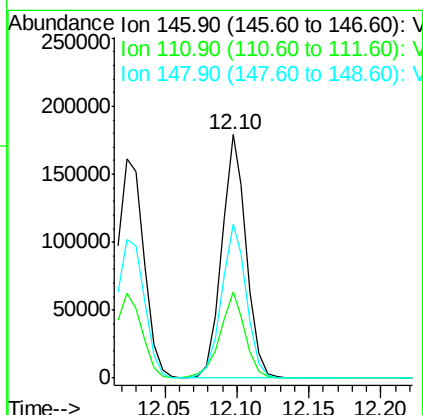
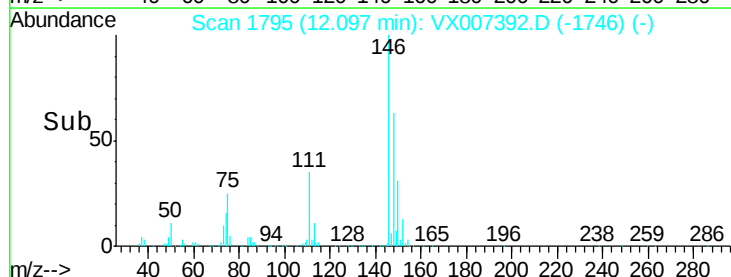
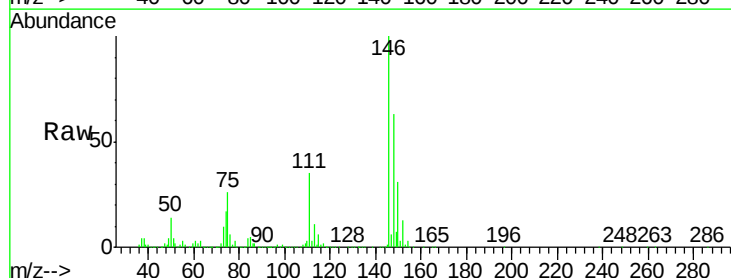
Tgt Ion:146 Resp: 213662

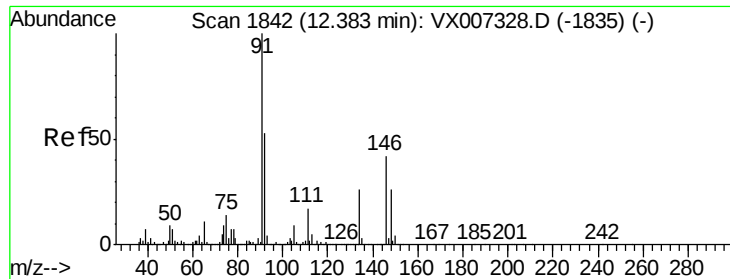
Ion Ratio Lower Upper

146 100

111 35.9 18.1 54.1

148 64.5 32.3 96.9

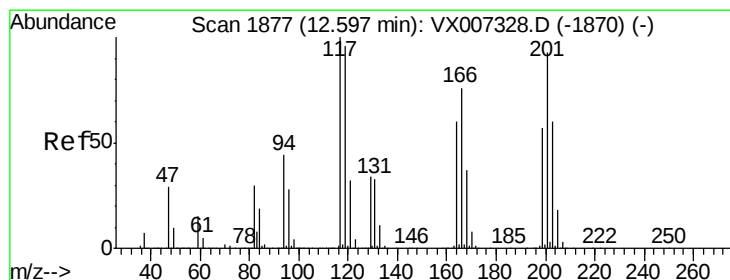
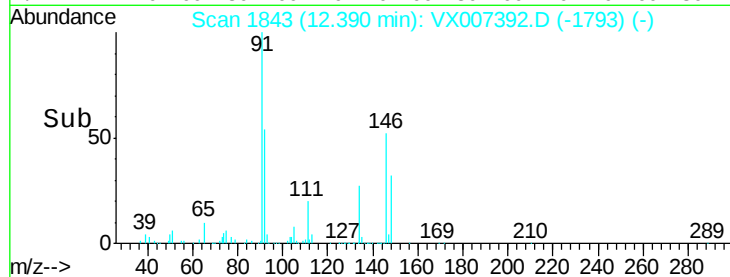
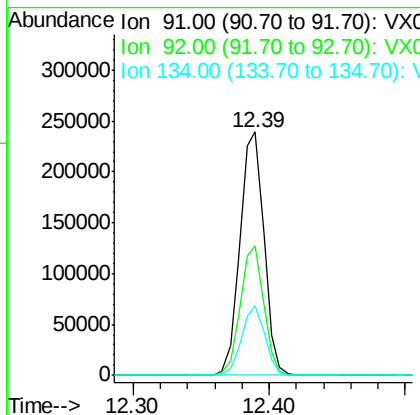
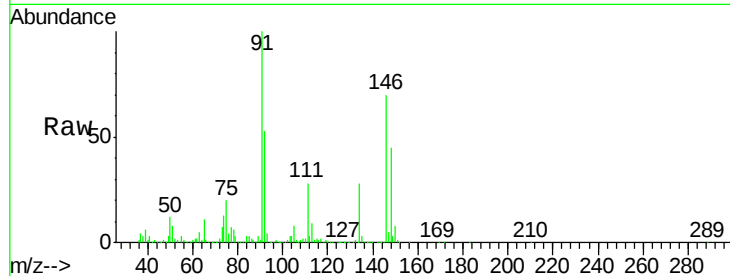




#89
n-Butylbenzene
Concen: 16.140 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

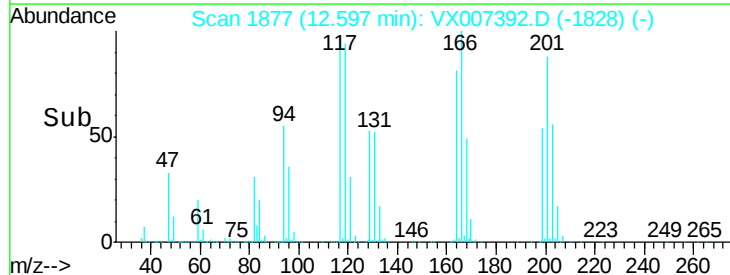
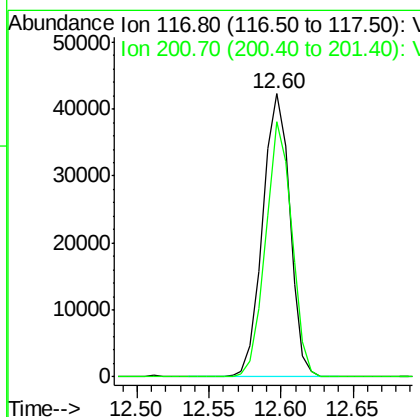
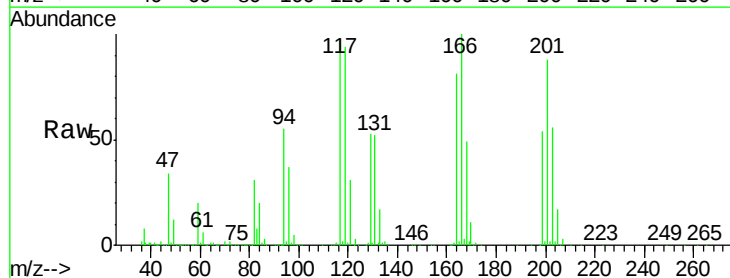
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

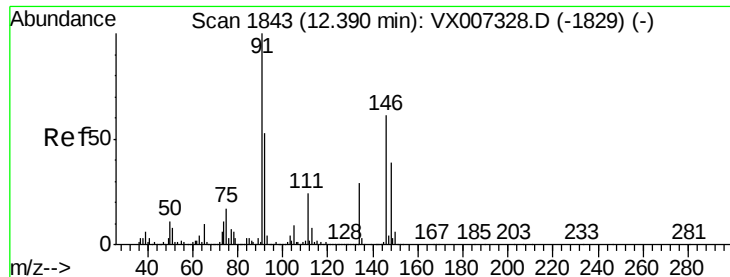
Tot Ion: 91 Resp: 293197
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 27.6 13.9 41.6



#90
Hexachloroethane
Concen: 17.474 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion: 117 Resp: 55225
Ion Ratio Lower Upper
117 100
201 86.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.050 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

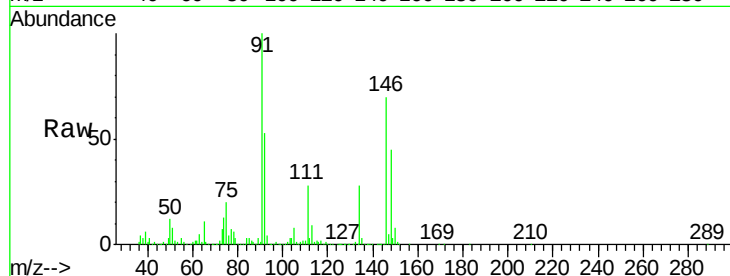
Tot Ion:146 Resp: 216744

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

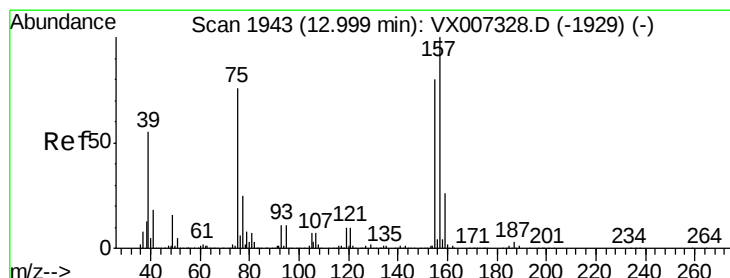
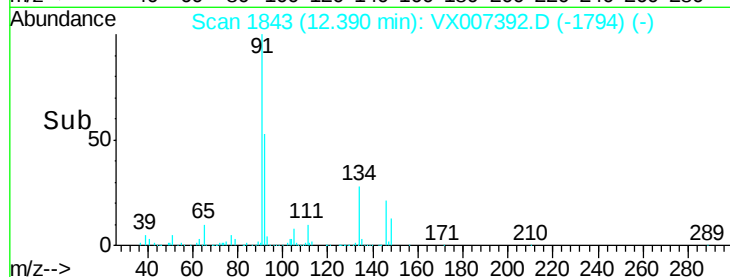
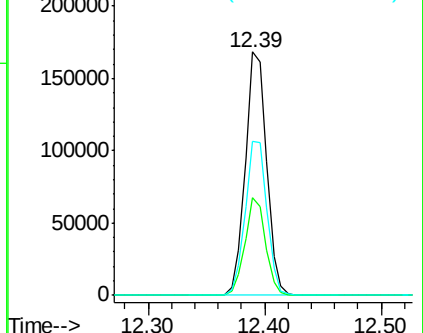
148 64.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.719 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

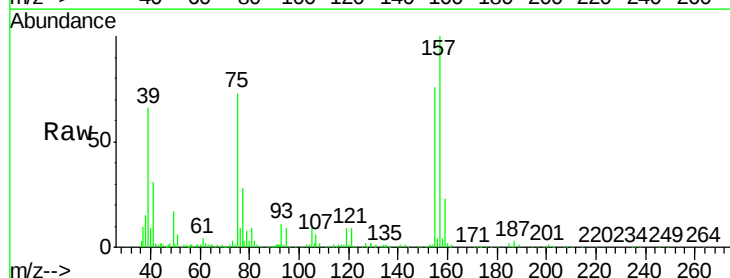
Tgt Ion: 75 Resp: 25282

Ion Ratio Lower Upper

75 100

155 106.9 49.6 149.0

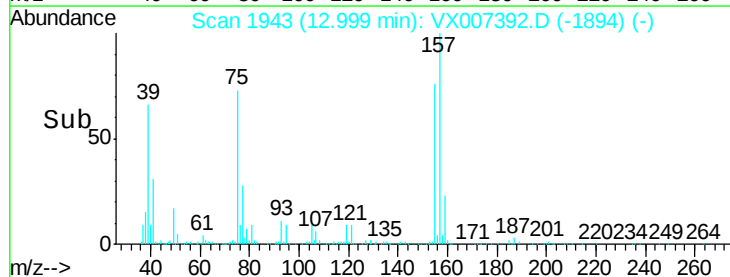
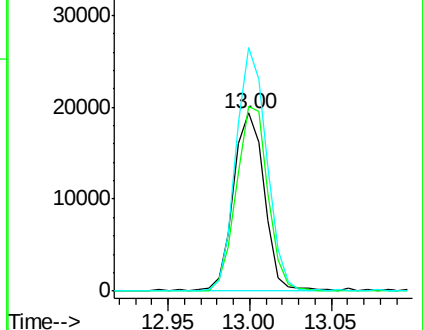
157 137.0 65.1 195.3

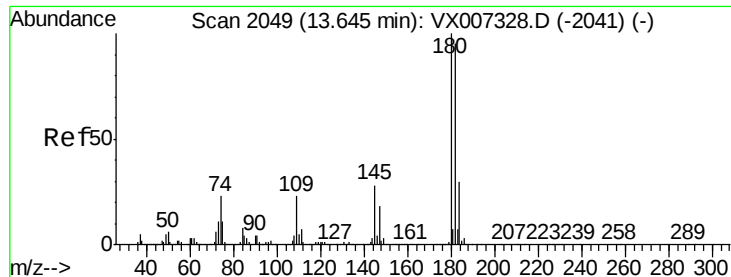


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

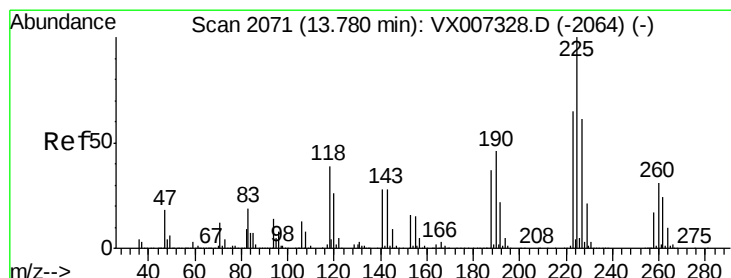
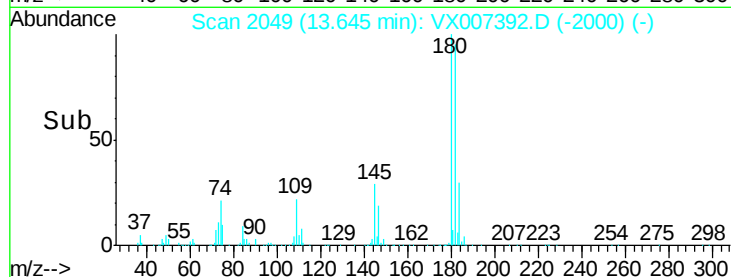
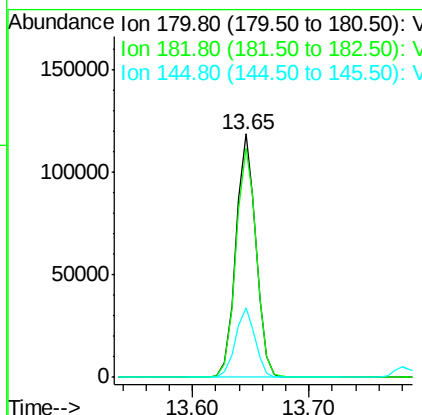
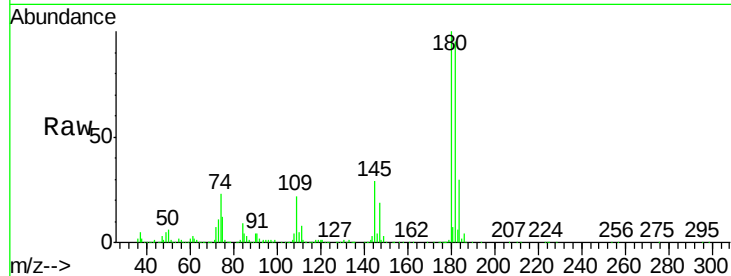




#93
 1,2,4-Trichlorobenzene
 Concen: 17.566 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

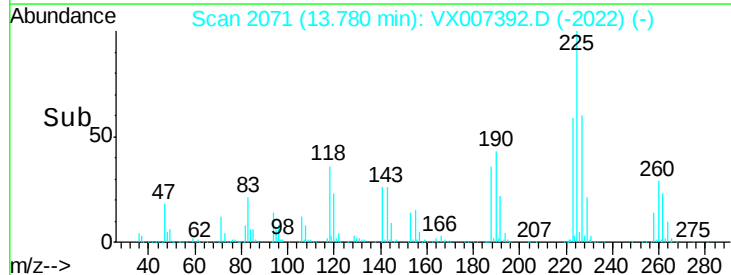
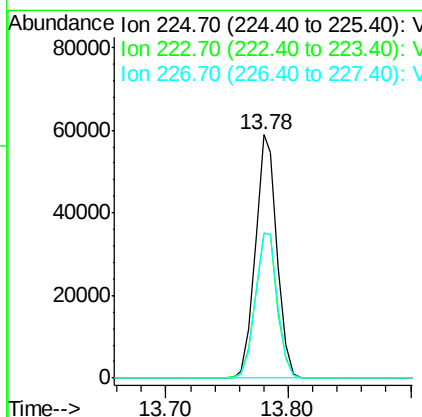
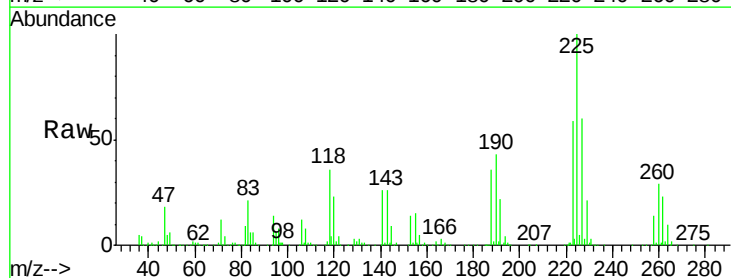
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

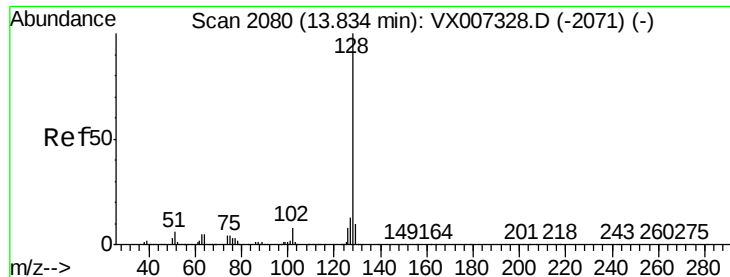
Tot Ion:180 Resp: 142255
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.3
 145 28.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.443 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion:225 Resp: 72522
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 94.8
 227 61.5 32.1 96.3





#95

Naphthalene

Concen: 18.772 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

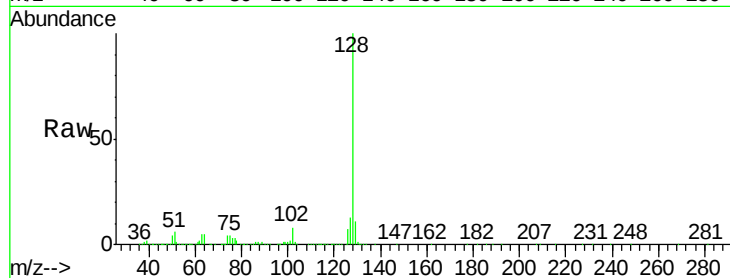
Tot Ion:128 Resp: 444540

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

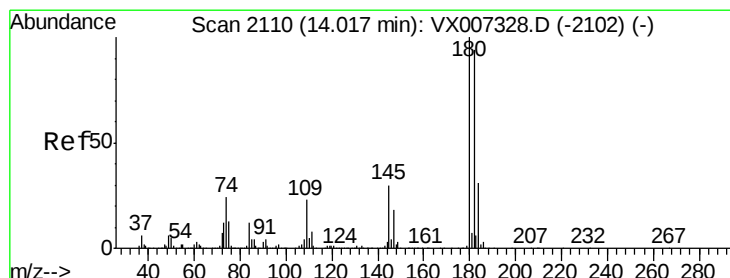
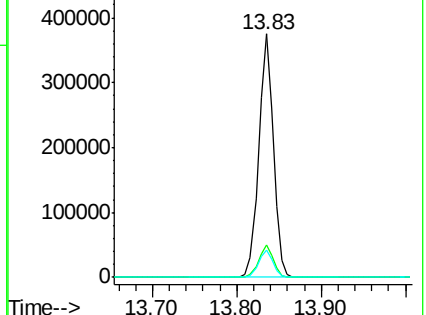
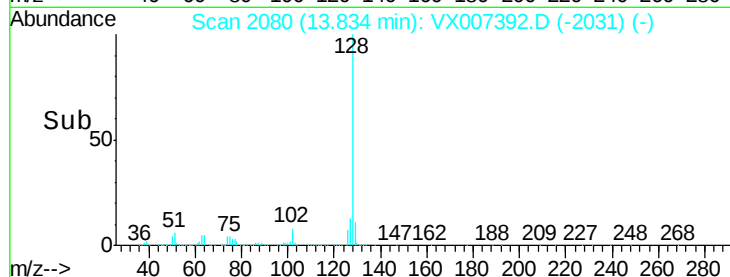
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.150 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

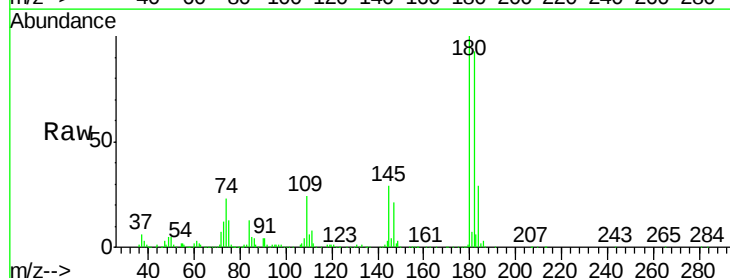
Tgt Ion:180 Resp: 147947

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 29.5 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

