

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007368.D
 Acq On : 05 Feb 2019 11:25
 Operator : JC/SP
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Quant Time: Feb 06 00:14:40 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	483061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	716826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248109	48.39	ug/l	0.00
Spiked Amount						
			Recovery	=	96.78%	
35) Dibromofluoromethane	5.51	113	222882	47.79	ug/l	0.00
Spiked Amount						
			Recovery	=	95.58%	
50) Toluene-d8	8.71	98	836854	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	294992	46.69	ug/l	0.00
Spiked Amount						
			Recovery	=	93.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	120474	20.401	ug/l	97
3) Chloromethane	1.33	50	107243	19.710	ug/l	98
4) Vinyl Chloride	1.41	62	111957	20.974	ug/l	98
5) Bromomethane	1.64	94	110200	20.591	ug/l	95
6) Chloroethane	1.72	64	70779	20.498	ug/l	98
7) Trichlorofluoromethane	1.93	101	171101	20.491	ug/l	97
8) Diethyl Ether	2.20	74	61593	19.598	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97583	19.647	ug/l	98
10) Methyl Iodide	2.51	142	143673	19.663	ug/l	99
11) Tert butyl alcohol	3.07	59	116746	110.024	ug/l	100
12) 1,1-Dichloroethene	2.38	96	90138	19.543	ug/l	98
13) Acrolein	2.30	56	54559	109.649	ug/l	97
14) Allyl chloride	2.73	41	155613	20.707	ug/l	99
15) Acrylonitrile	3.15	53	273867	104.333	ug/l	99
16) Acetone	2.45	43	244410	104.063	ug/l	100
17) Carbon Disulfide	2.57	76	222976	19.825	ug/l	100
18) Methyl Acetate	2.78	43	141024	23.365	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	301032	20.146	ug/l	97
20) Methylene Chloride	2.86	84	100677	20.756	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	94967	19.329	ug/l	98
22) Diisopropyl ether	3.87	45	280239	20.273	ug/l	98
23) Vinyl Acetate	3.82	43	1178195	102.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	157812	19.879	ug/l	99
25) 2-Butanone	4.70	43	351651	105.207	ug/l	99
26) 2,2-Dichloropropane	4.59	77	117205	19.387	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	102859	19.167	ug/l	100
28) Bromochloromethane	5.02	49	72025	19.729	ug/l	96
29) Tetrahydrofuran	5.15	42	228513	108.703	ug/l	99
30) Chloroform	5.22	83	165325	19.958	ug/l	99
31) Cyclohexane	5.57	56	137094	19.228	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	142484	20.377	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118961	18.496	ug/l	99
37) Ethyl Acetate	4.85	43	129696	19.948	ug/l	99
38) Carbon Tetrachloride	5.79	117	121167	19.419	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151213	19.432	ug/l	100
40) Benzene	6.15	78	373342	19.706	ug/l	97
41) Methacrylonitrile	5.06	41	72877	20.914	ug/l	99
42) 1,2-Dichloroethane	6.20	62	125416	19.133	ug/l	99
43) Isopropyl Acetate	6.46	43	200737	20.003	ug/l	100
44) Trichloroethene	7.21	130	108399	18.997	ug/l	95
45) 1,2-Dichloropropane	7.52	63	91057	19.182	ug/l	91
46) Dibromomethane	7.66	93	66496	19.274	ug/l	98
47) Bromodichloromethane	7.90	83	114590	19.598	ug/l	98
48) Methyl methacrylate	7.77	41	104699	20.858	ug/l	99
49) 1,4-Dioxane	7.75	88	49716	439.395	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	679240	102.817	ug/l	100
52) Toluene	8.79	92	238679	19.526	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122442	19.495	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139323	20.172	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	101237	19.869	ug/l	98
56) Ethyl methacrylate	9.18	69	139306	19.740	ug/l	98
57) 1,3-Dichloropropane	9.37	76	160881	19.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	379682	102.075	ug/l	99
59) 2-Hexanone	9.49	43	519298	101.015	ug/l	100
60) Dibromochloromethane	9.59	129	98560	20.453	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106972	19.824	ug/l	97
64) Tetrachloroethene	9.34	164	117488	18.876	ug/l	97
65) Chlorobenzene	10.14	112	274046	19.017	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	95877	19.845	ug/l	98
67) Ethyl Benzene	10.25	91	451113	19.439	ug/l	97
68) m/p-Xylenes	10.36	106	354363	38.414	ug/l	99
69) o-Xylene	10.70	106	174501	19.659	ug/l	99
70) Styrene	10.71	104	272021	18.896	ug/l	99
71) Bromoform	10.86	173	71233	19.485	ug/l	99
73) Isopropylbenzene	11.02	105	457823	20.221	ug/l	98
74) N-amyl acetate	10.90	43	175577	20.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	143330	20.773	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159299	24.581	ug/l	81
77) Bromobenzene	11.26	156	125039	19.601	ug/l	98
78) n-propylbenzene	11.36	91	509506	20.522	ug/l	99
79) 2-Chlorotoluene	11.42	91	300480	19.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	376638	20.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36276	20.067	ug/l	94
82) 4-Chlorotoluene	11.51	91	347891	19.958	ug/l	99
83) tert-Butylbenzene	11.77	119	365452	19.928	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	387848	20.625	ug/l	99
85) sec-Butylbenzene	11.94	105	454768	20.489	ug/l	100
86) p-Isopropyltoluene	12.06	119	402656	20.097	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220638	19.272	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	218201	18.786	ug/l	98
89) n-Butylbenzene	12.38	91	331652	19.242	ug/l	100
90) Hexachloroethane	12.60	117	60572	20.200	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219804	19.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28982	20.201	ug/l	98

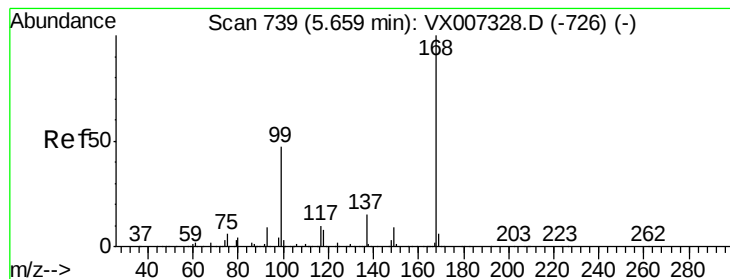
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146306	19.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	70788	18.973	ug/l	98
95) Naphthalene	13.83	128	452214	20.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147965	19.131	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

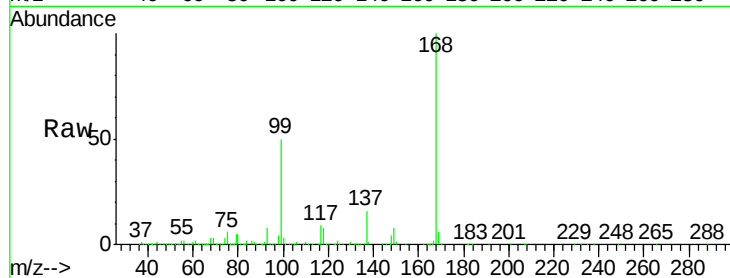
VX0205WBS01

Tot Ion:168 Resp: 483061

Ion Ratio Lower Upper

168 100

99 49.9 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

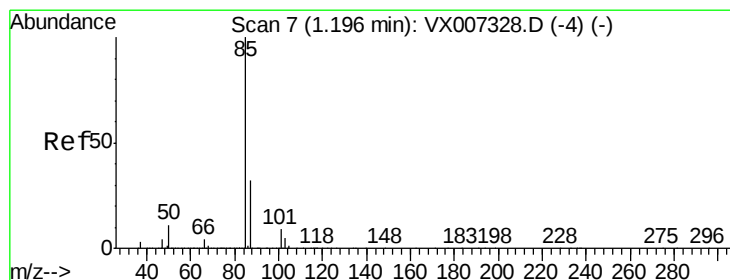
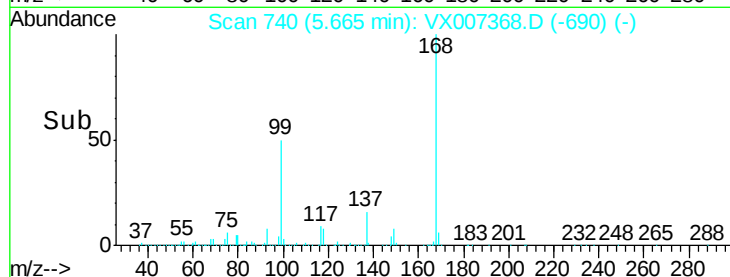
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.401 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007368.D

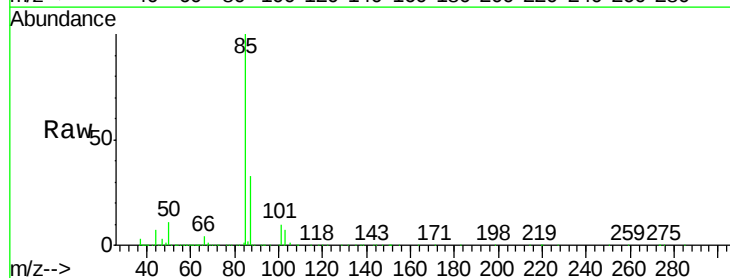
Acq: 05 Feb 2019 11:25

Tgt Ion: 85 Resp: 120474

Ion Ratio Lower Upper

85 100

87 33.4 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

120000

100000

80000

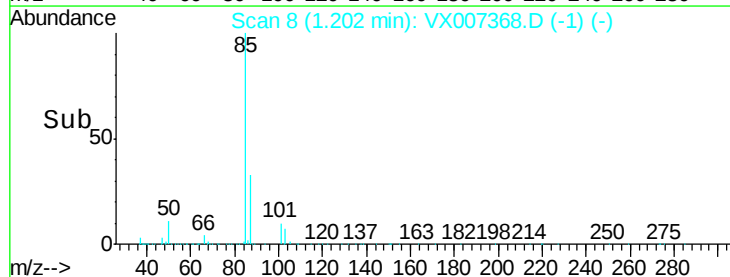
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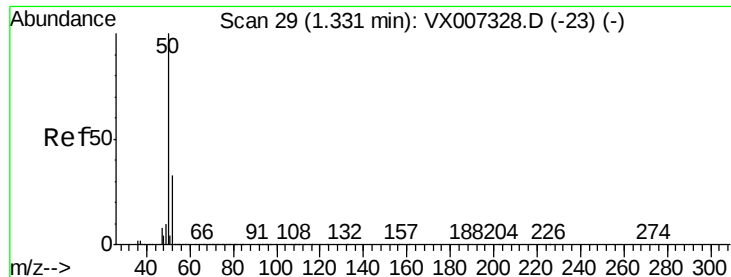
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20000

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Time-->





#3

Chloromethane

Concen: 19.710 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

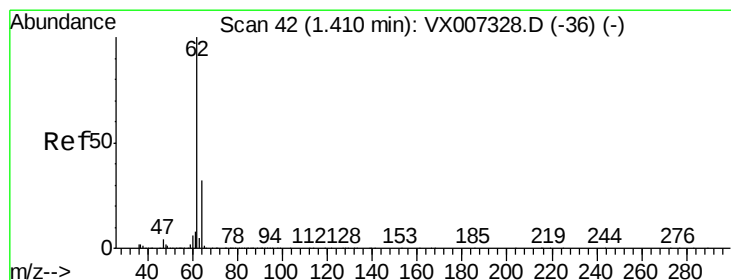
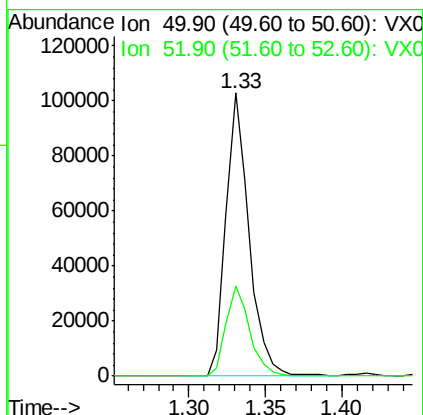
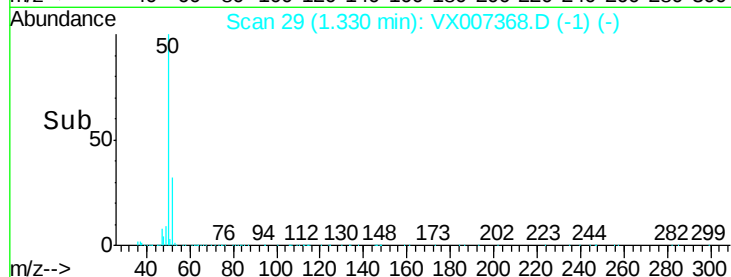
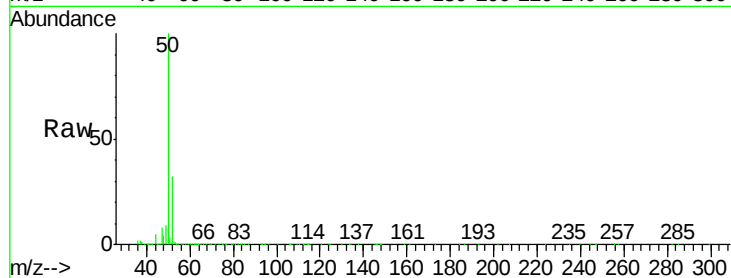
VX0205WBS01

Tot Ion: 50 Resp: 107243

Ion Ratio Lower Upper

50 100

52 31.6 26.1 39.1



#4

Vinyl Chloride

Concen: 20.974 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007368.D

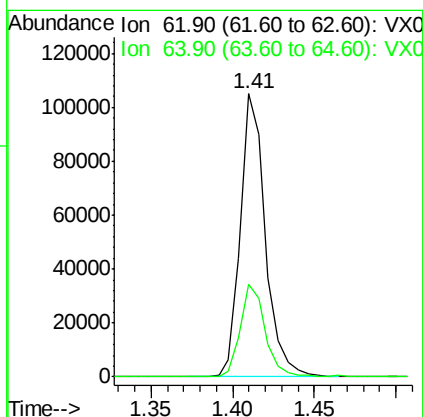
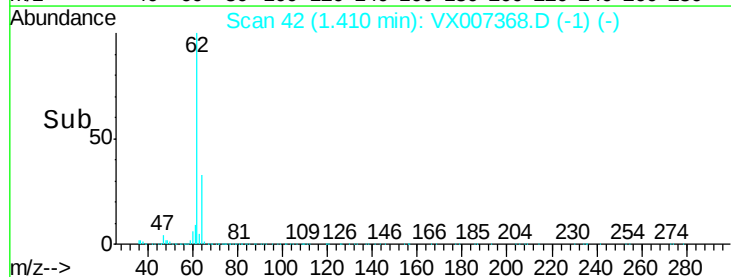
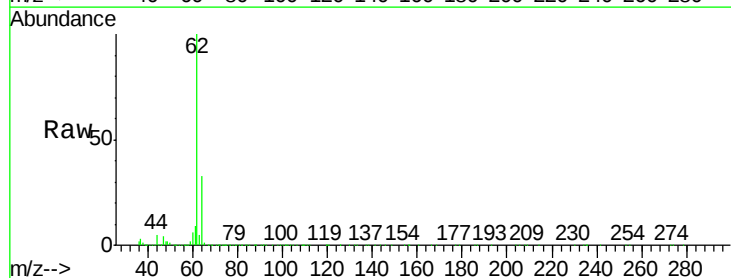
Acq: 05 Feb 2019 11:25

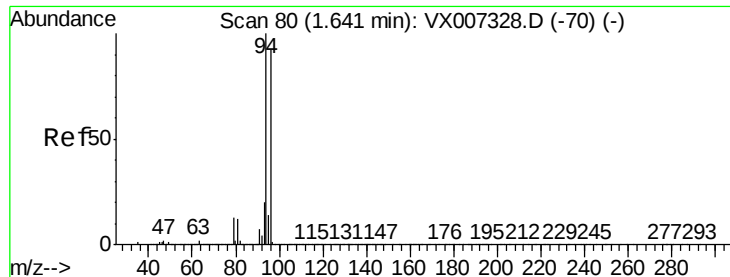
Tgt Ion: 62 Resp: 111957

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.0





#5

Bromomethane

Concen: 20.591 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

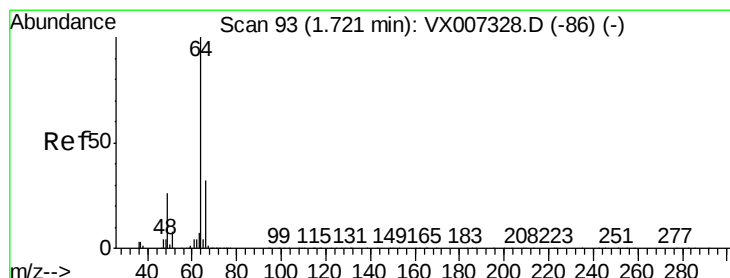
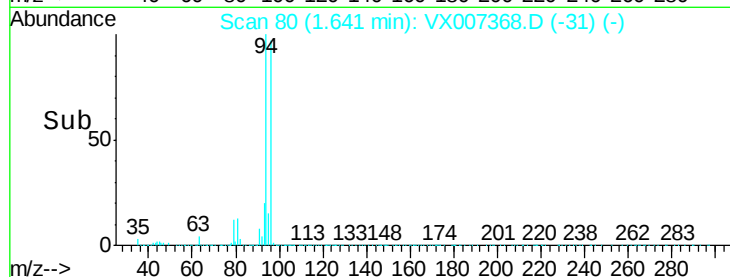
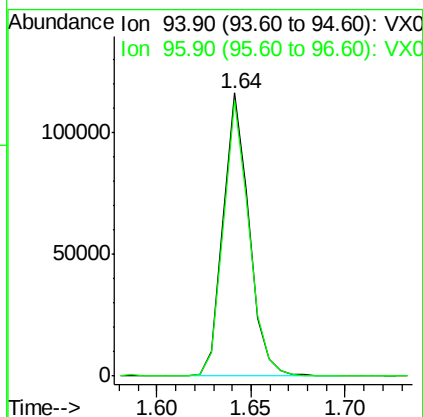
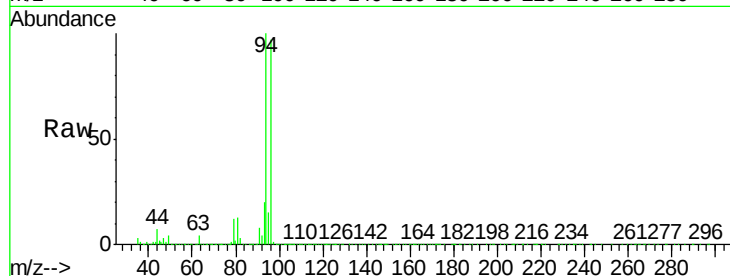
VX0205WBS01

Tot Ion: 94 Resp: 110200

Ion Ratio Lower Upper

94 100

96 97.4 73.9 110.9



#6

Chloroethane

Concen: 20.498 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007368.D

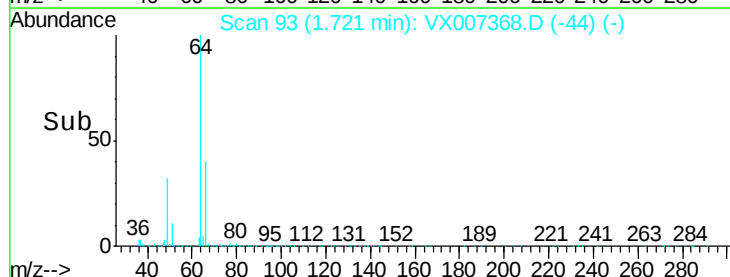
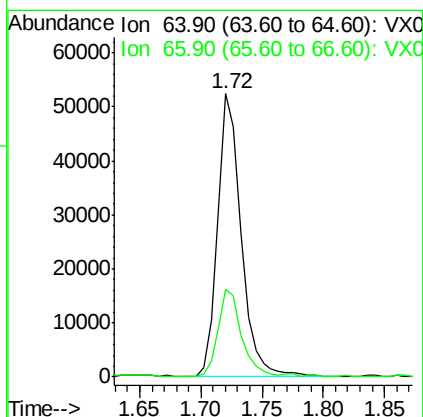
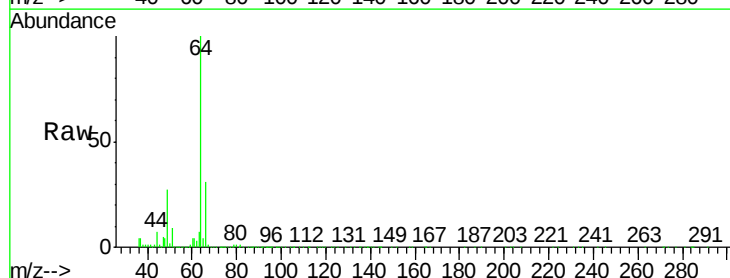
Acq: 05 Feb 2019 11:25

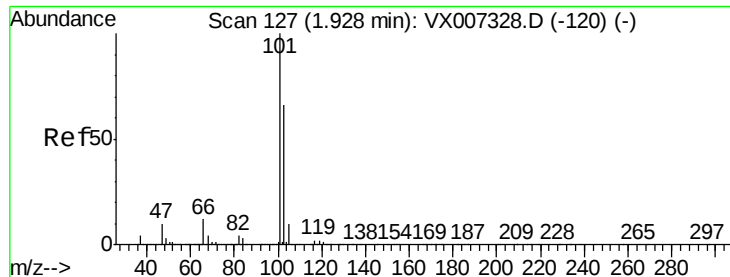
Tgt Ion: 64 Resp: 70779

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



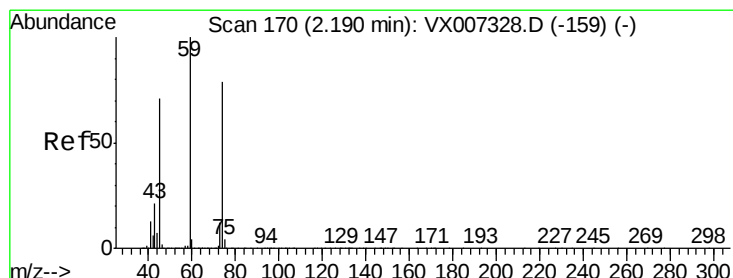
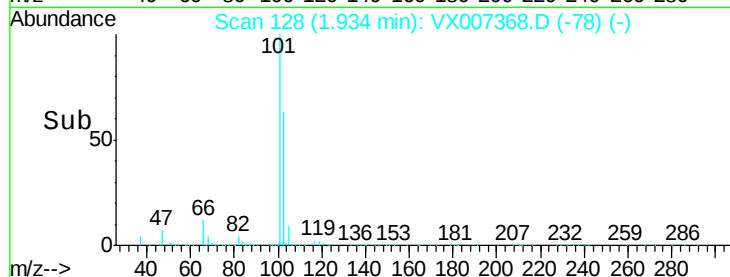
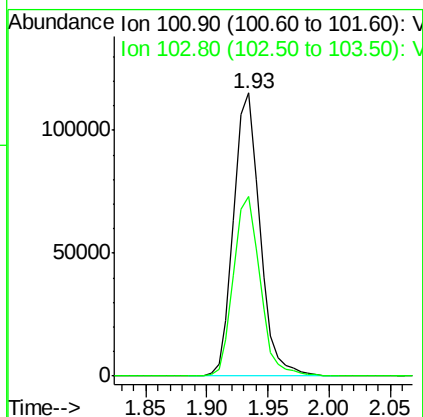
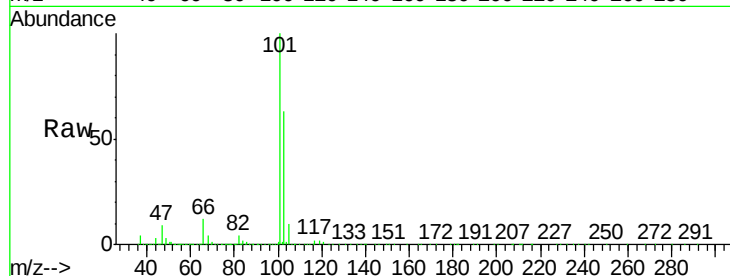


#7

Trichlorofluoromethane
Concen: 20.491 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

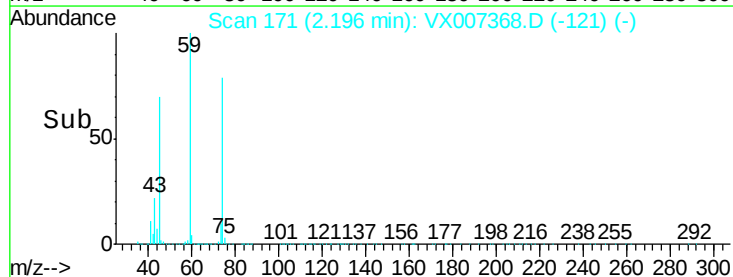
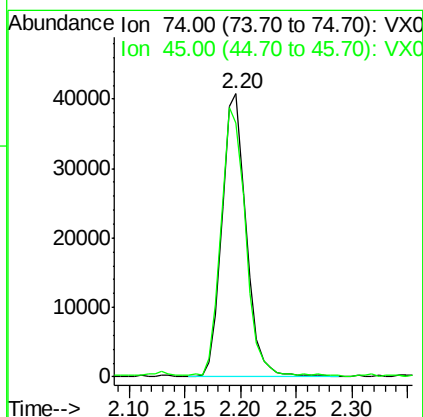
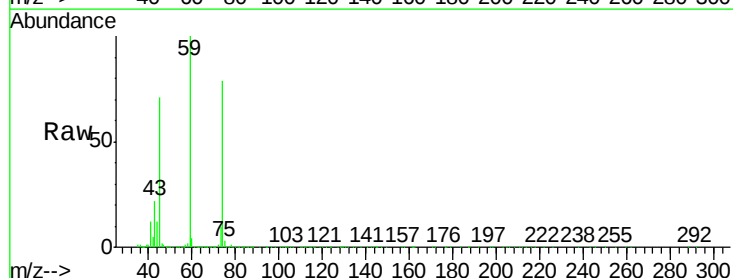
Tot Ion:101 Resp: 171101
Ion Ratio Lower Upper
101 100
103 63.4 52.6 79.0

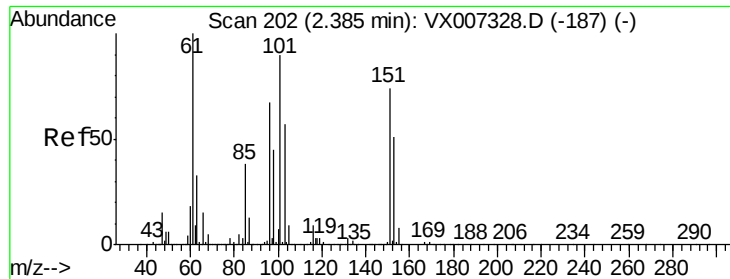


#8

Diethyl Ether
Concen: 19.598 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 74 Resp: 61593
Ion Ratio Lower Upper
74 100
45 95.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.647 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

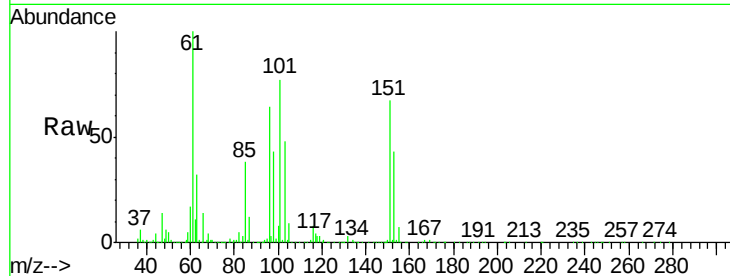
Tot Ion:101 Resp: 97583

Ion Ratio Lower Upper

101 100

85 44.7 34.1 51.1

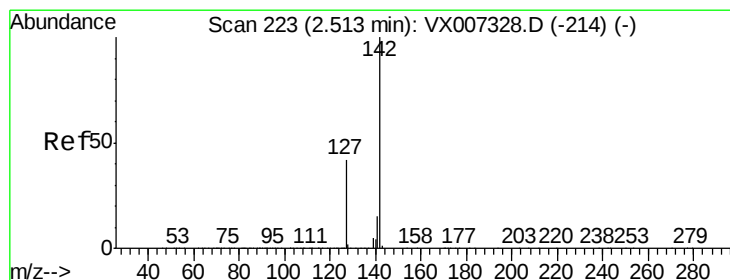
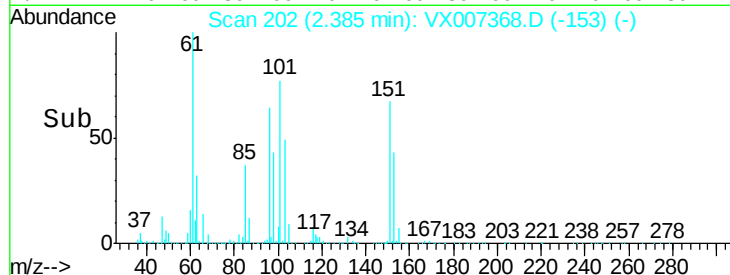
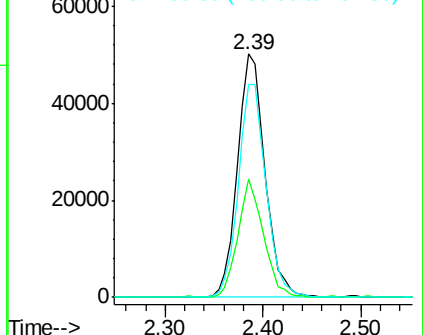
151 88.6 69.9 104.9



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: 19.663 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

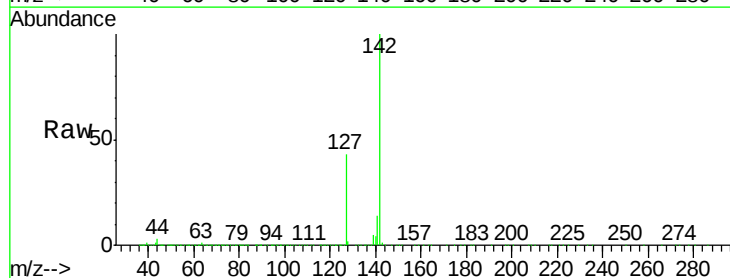
Tgt Ion:142 Resp: 143673

Ion Ratio Lower Upper

142 100

127 42.6 33.7 50.5

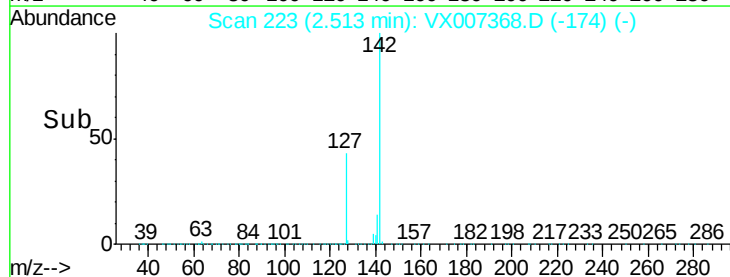
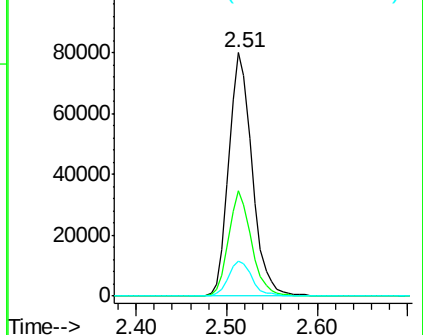
141 14.7 11.3 16.9

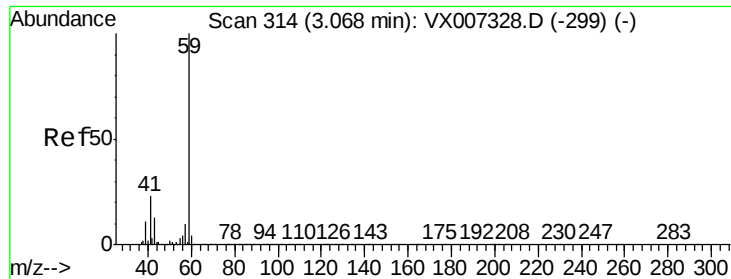


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

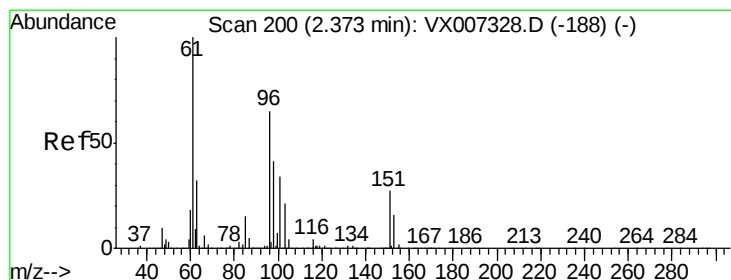
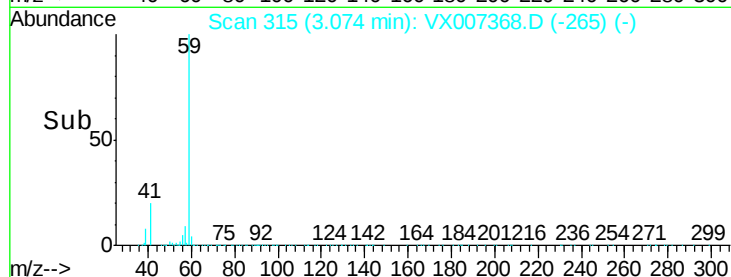
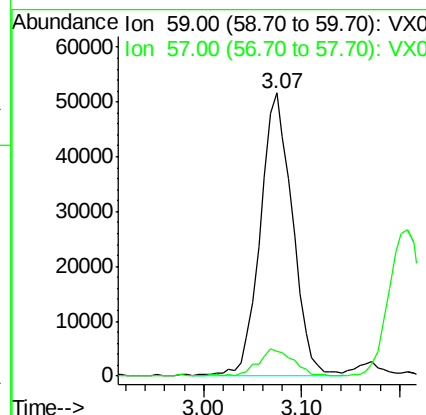
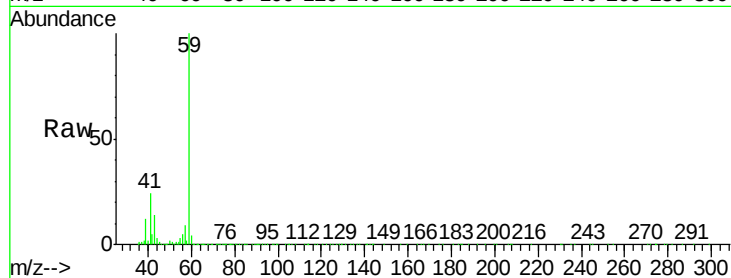




#11
Tert butyl alcohol
Concen: 110.024 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

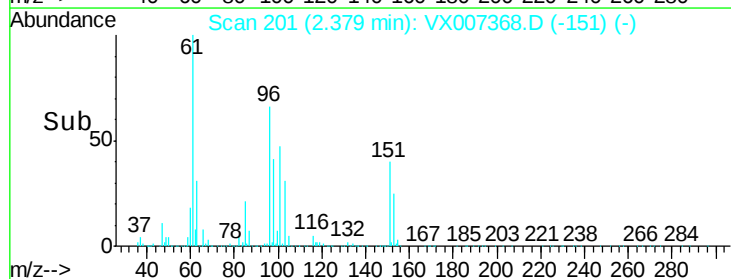
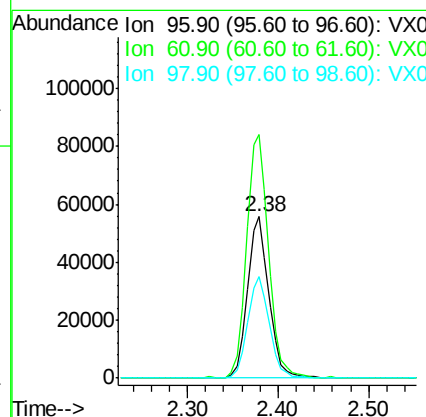
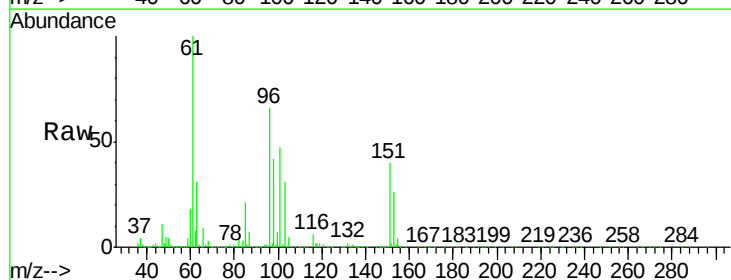
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

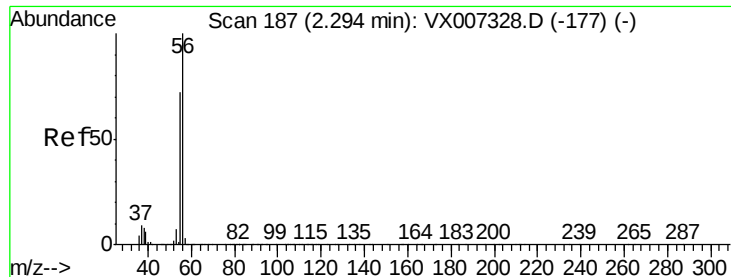
Tot Ion: 59 Resp: 116746
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.543 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 96 Resp: 90138
Ion Ratio Lower Upper
96 100
61 150.8 123.0 184.4
98 62.5 50.9 76.3





#13

Acrolein

Concen: 109.649 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

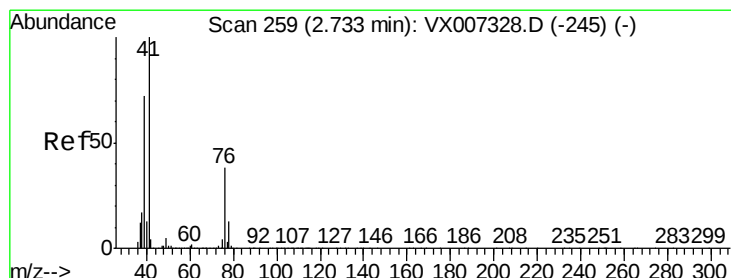
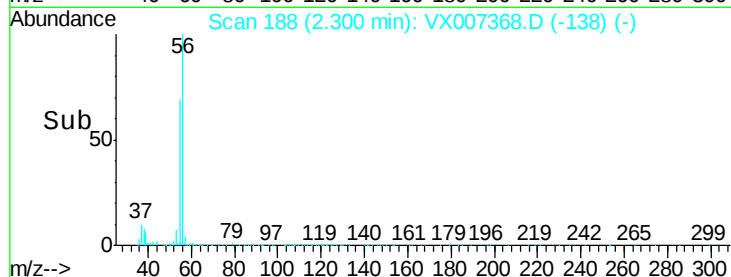
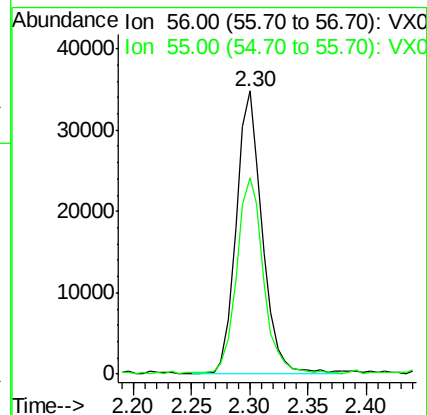
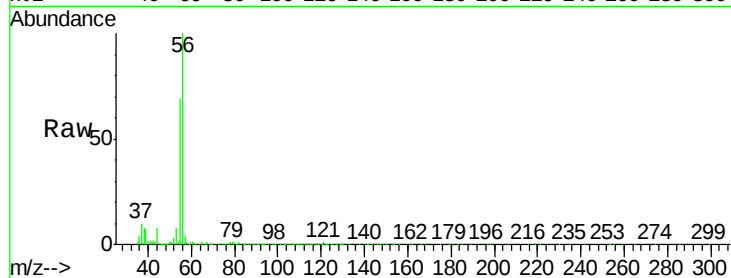
VX0205WBS01

Tot Ion: 56 Resp: 54559

Ion Ratio Lower Upper

56 100

55 68.7 56.9 85.3



#14

Allyl chloride

Concen: 20.707 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

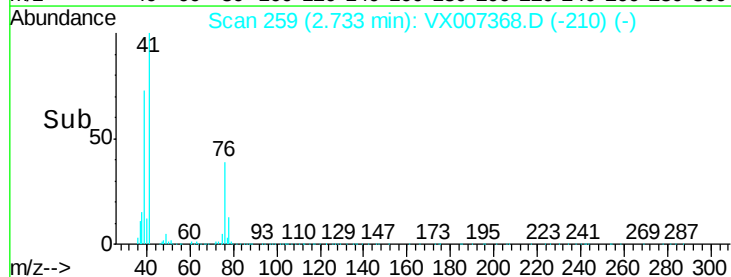
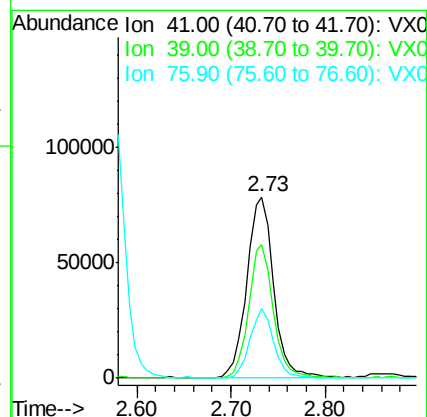
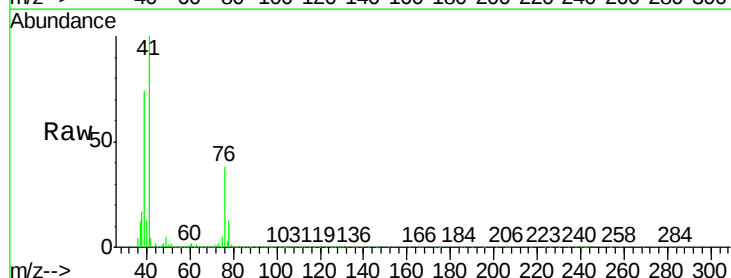
Tgt Ion: 41 Resp: 155613

Ion Ratio Lower Upper

41 100

39 68.4 54.1 81.1

76 33.6 27.8 41.8





#15

Acrylonitrile

Concen: 104.333 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

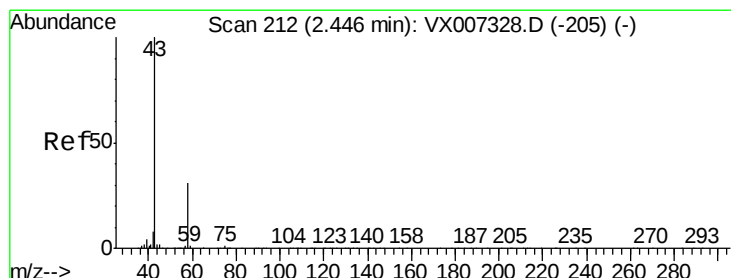
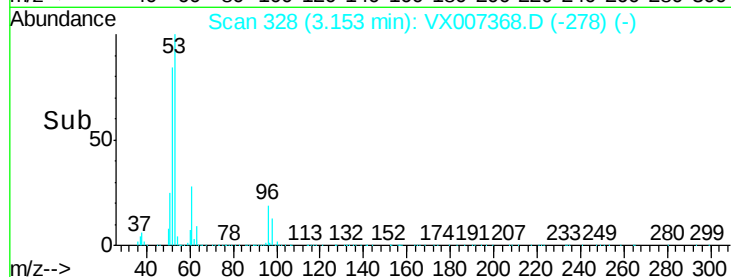
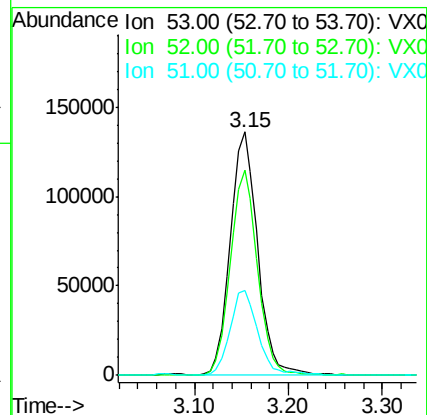
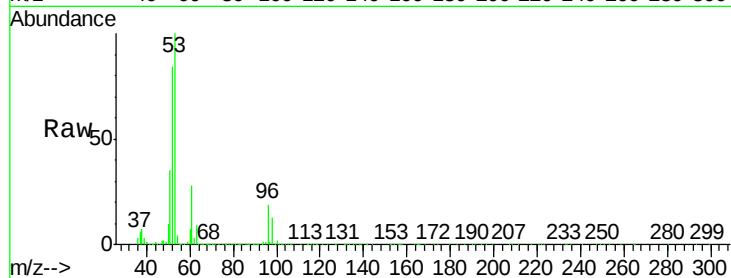
Tot Ion: 53 Resp: 273867

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 35.7 28.4 42.6



#16

Acetone

Concen: 104.063 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007368.D

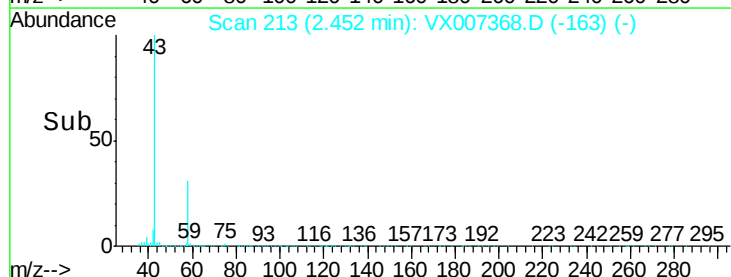
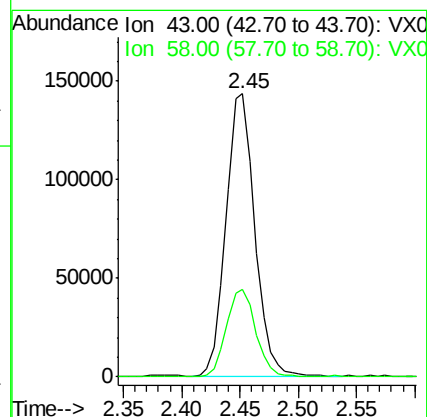
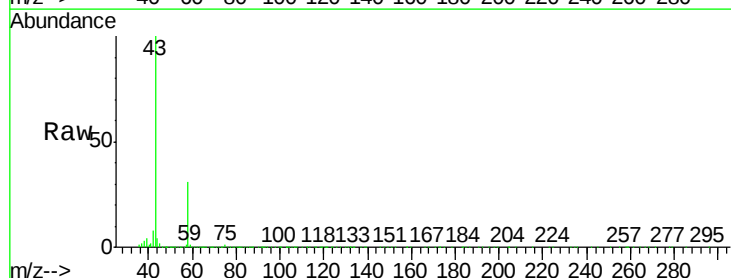
Acq: 05 Feb 2019 11:25

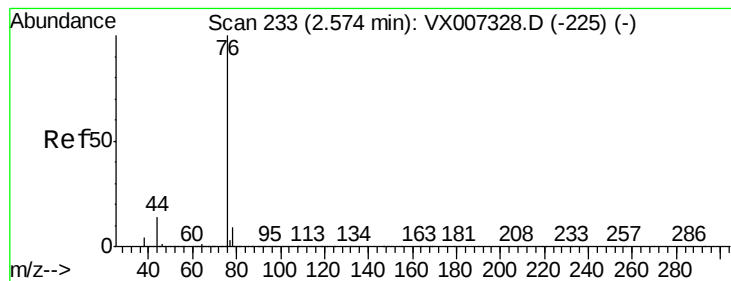
Tgt Ion: 43 Resp: 244410

Ion Ratio Lower Upper

43 100

58 31.0 24.9 37.3





#17

Carbon Disulfide

Concen: 19.825 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

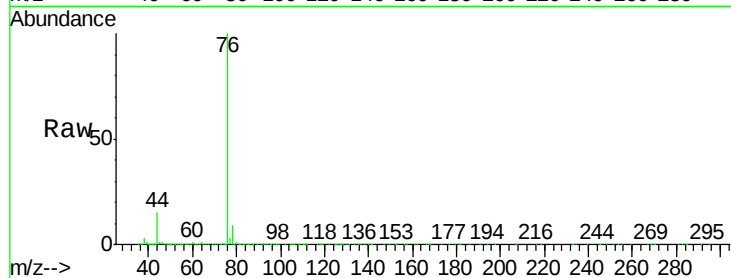
VX0205WBS01

Tot Ion: 76 Resp: 222976

Ion Ratio Lower Upper

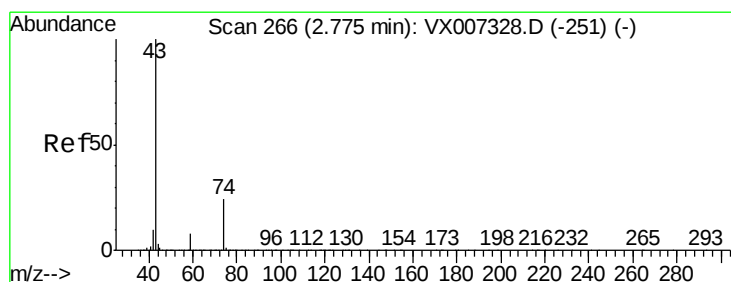
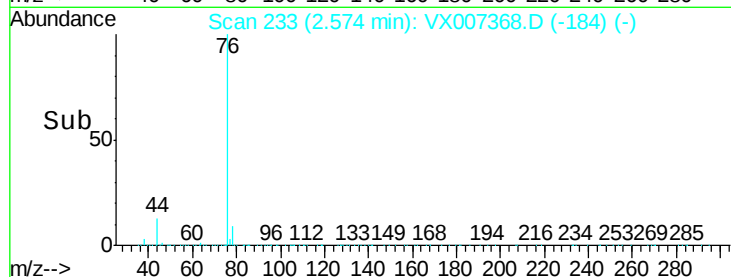
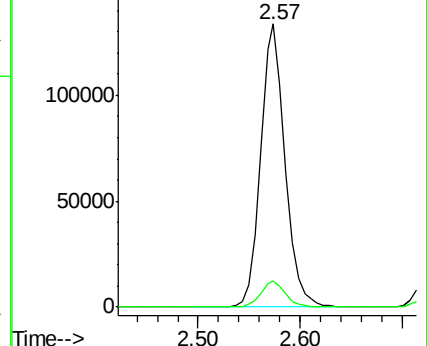
76 100

78 8.9 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: 23.365 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007368.D

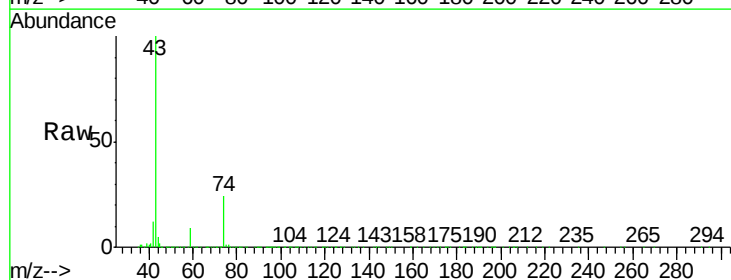
Acq: 05 Feb 2019 11:25

Tgt Ion: 43 Resp: 141024

Ion Ratio Lower Upper

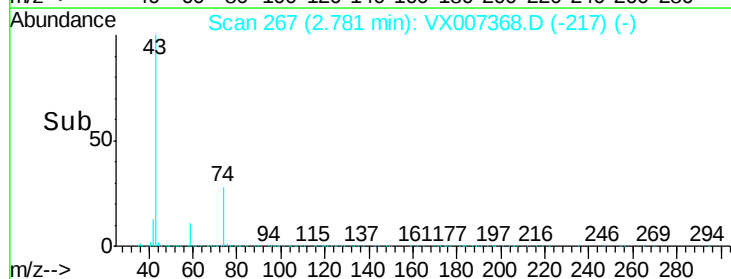
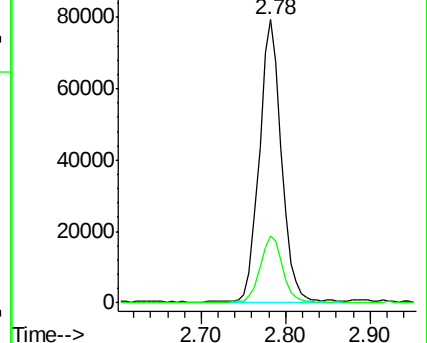
43 100

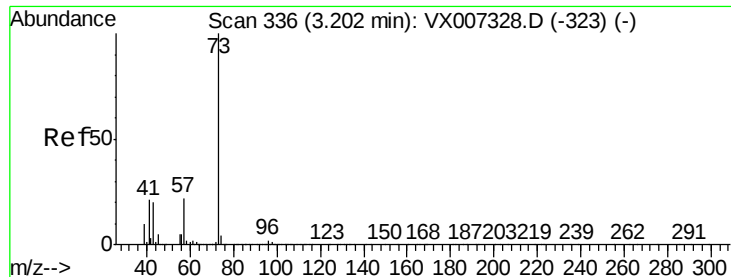
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

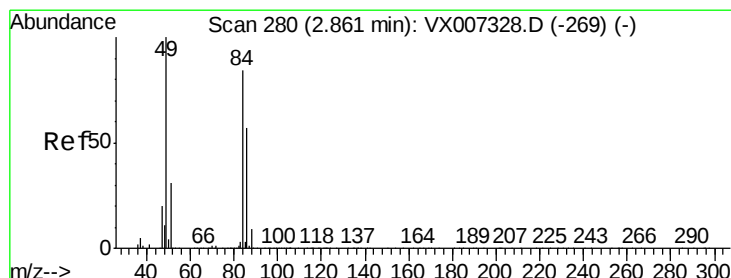
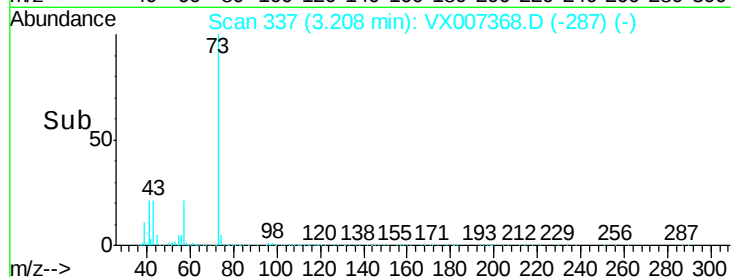
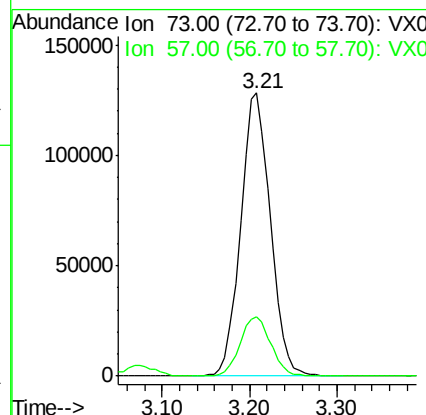
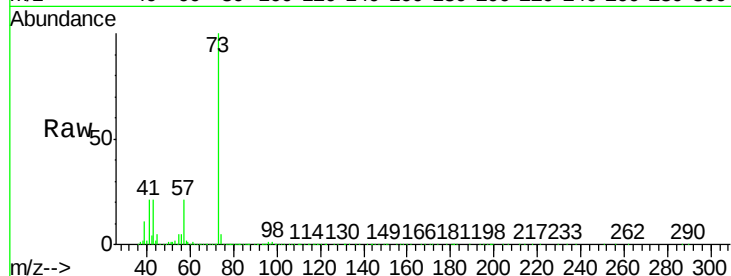




#19
Methyl tert-butyl Ether
Concen: 20.146 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

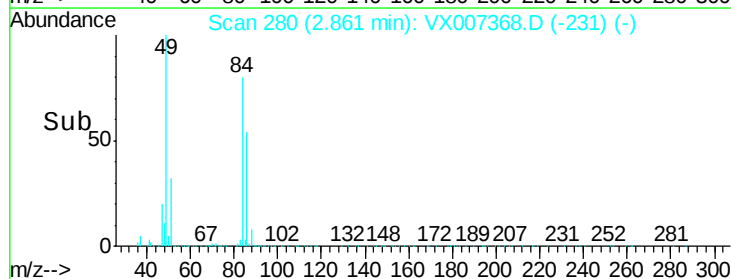
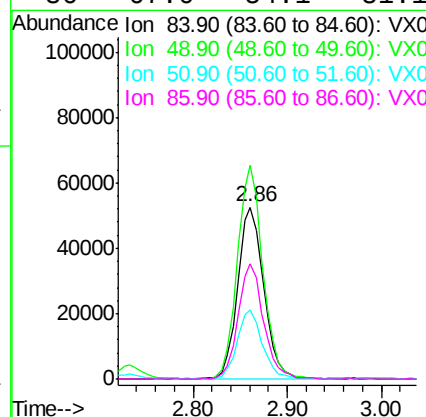
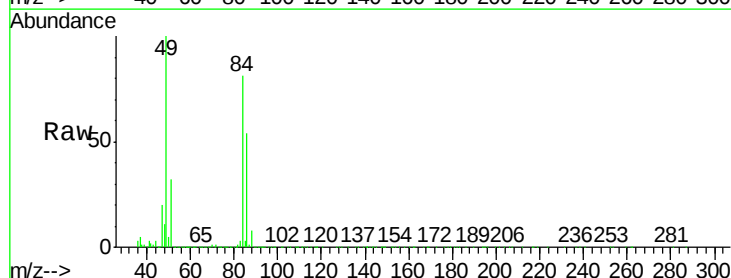
Instrument :
MSVOA_X
ClientSampleID :
VX0205WBS01

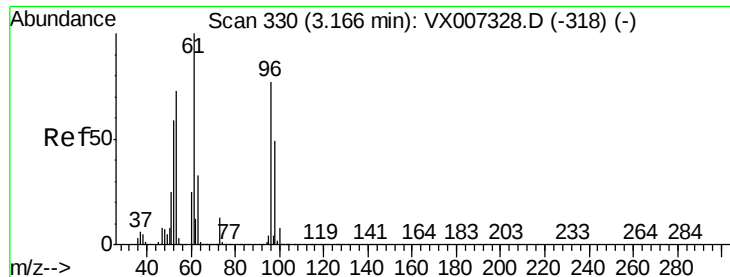
Tot Ion: 73 Resp: 301032
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8



#20
Methylene Chloride
Concen: 20.756 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 84 Resp: 100677
Ion Ratio Lower Upper
84 100
49 123.9 94.8 142.2
51 39.7 29.8 44.8
86 67.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.329 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

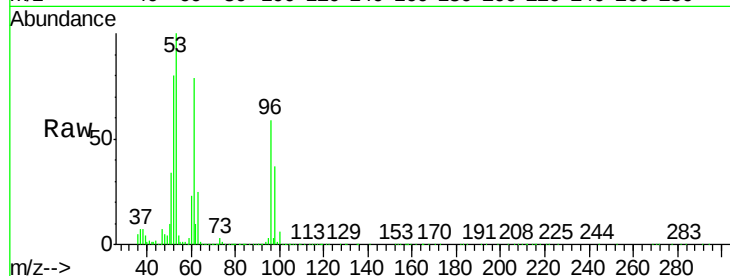
Tot Ion: 96 Resp: 94967

Ion Ratio Lower Upper

96 100

61 133.8 104.6 156.8

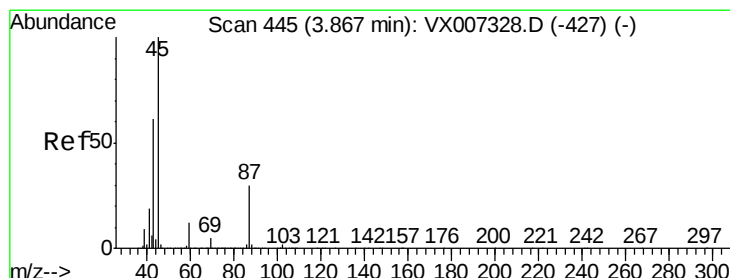
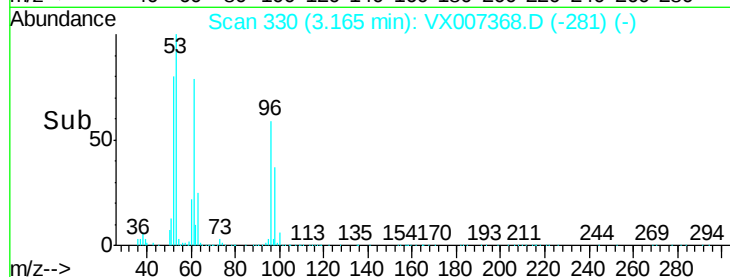
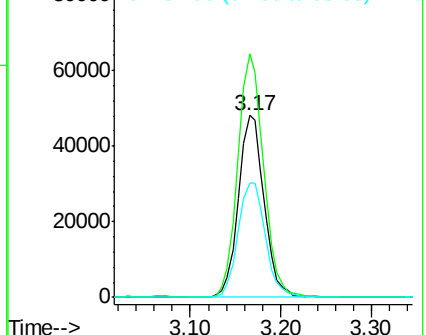
98 63.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.273 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Tgt Ion: 45 Resp: 280239

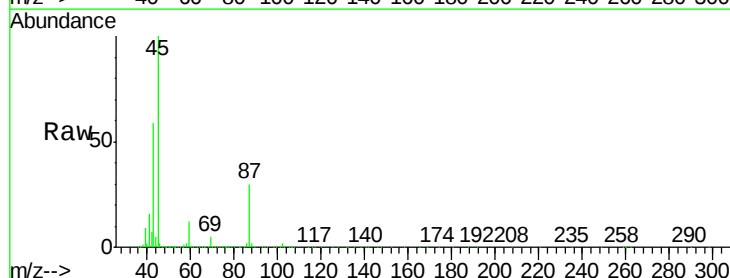
Ion Ratio Lower Upper

45 100

43 58.3 48.9 73.3

87 29.7 23.9 35.9

59 11.7 9.6 14.4

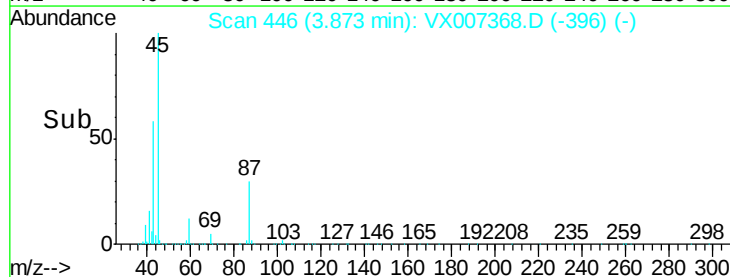
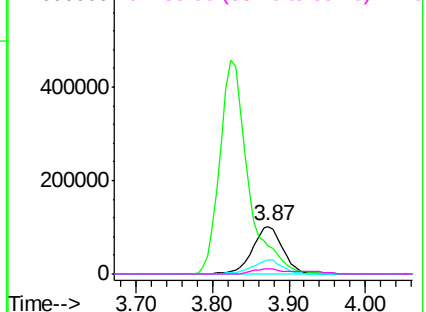


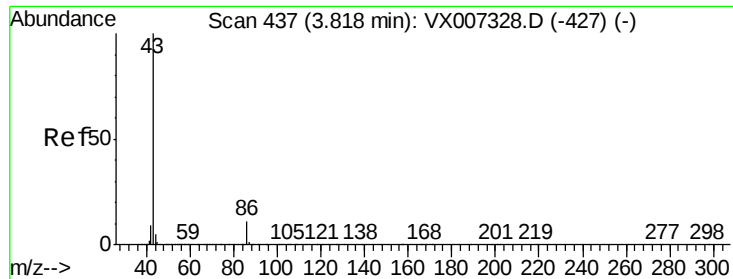
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.710 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

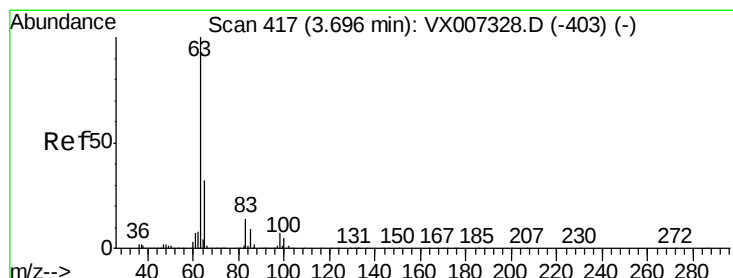
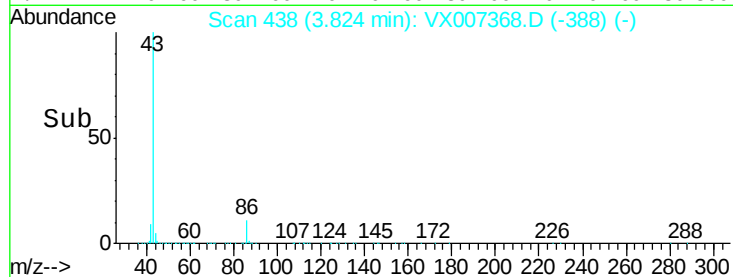
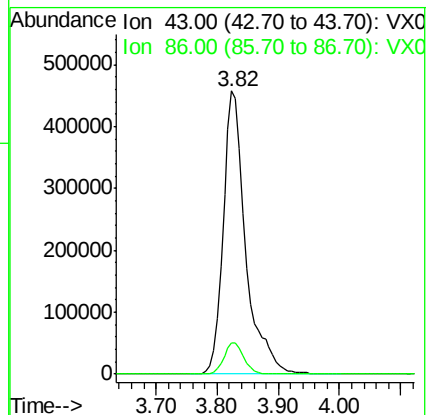
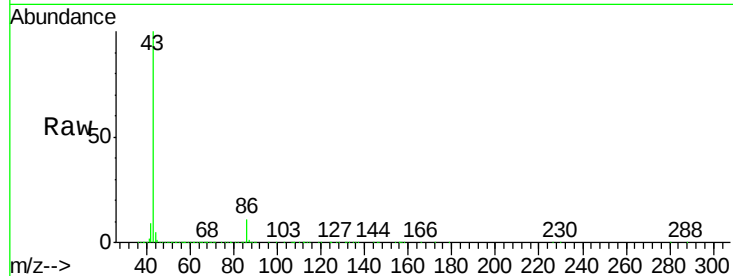
VX0205WBS01

Tot Ion: 43 Resp: 1178195

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.879 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

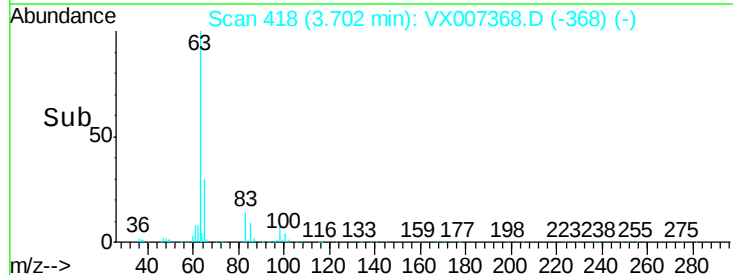
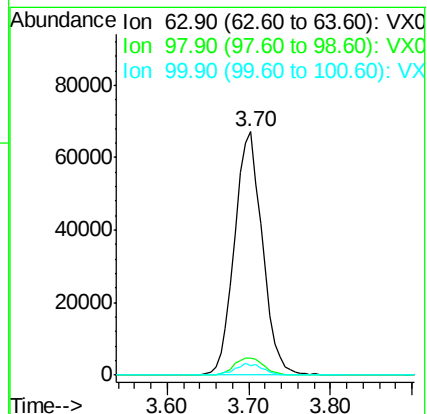
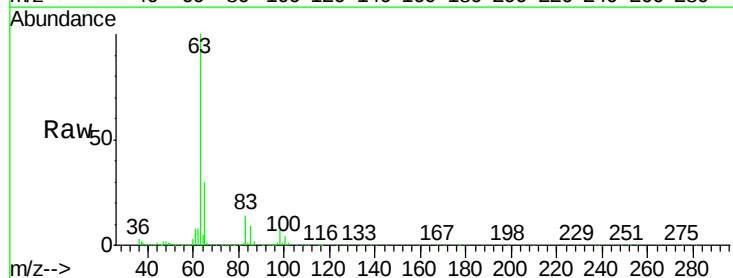
Tgt Ion: 63 Resp: 157812

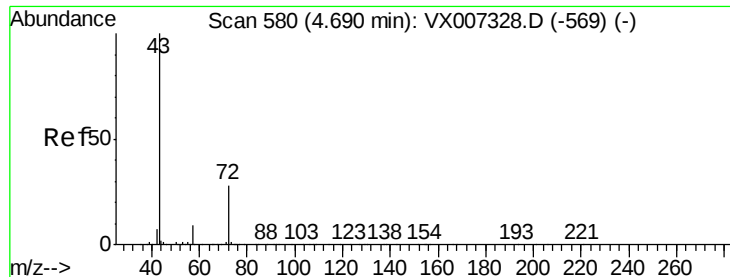
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 105.207 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

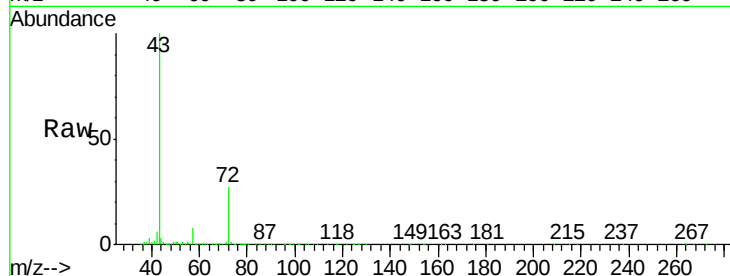
VX0205WBS01

Tot Ion: 43 Resp: 351651

Ion Ratio Lower Upper

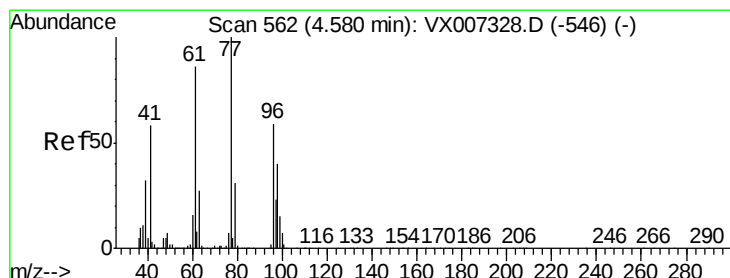
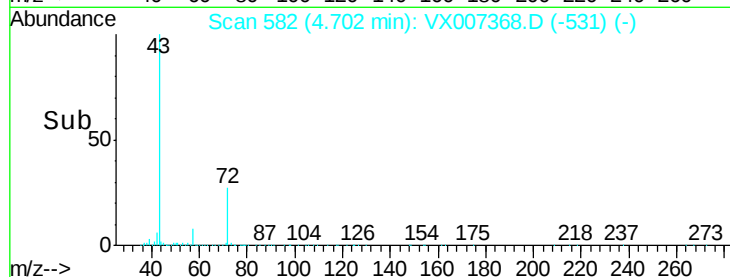
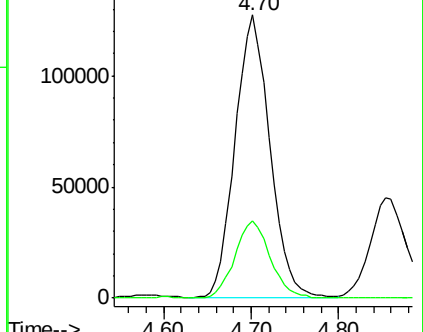
43 100

72 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.387 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007368.D

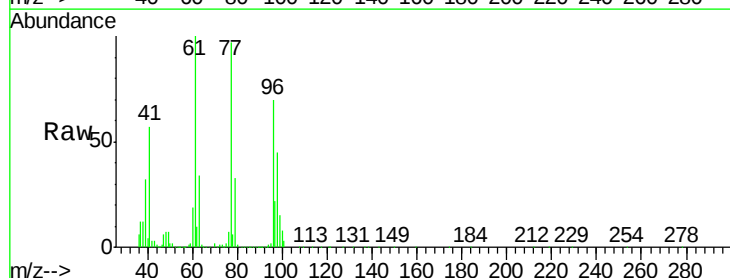
Acq: 05 Feb 2019 11:25

Tgt Ion: 77 Resp: 117205

Ion Ratio Lower Upper

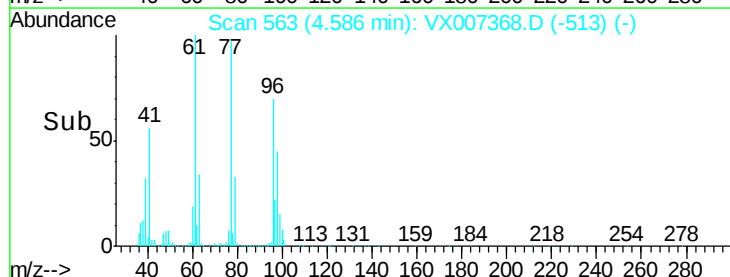
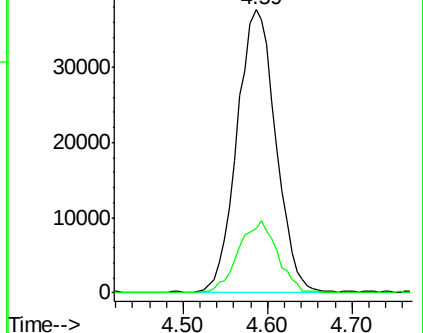
77 100

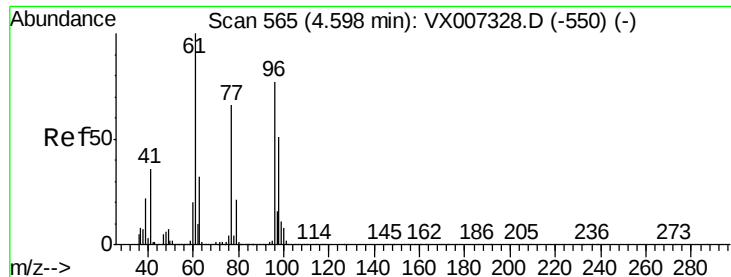
97 25.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



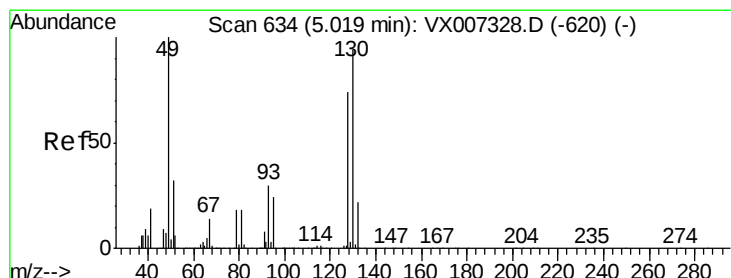
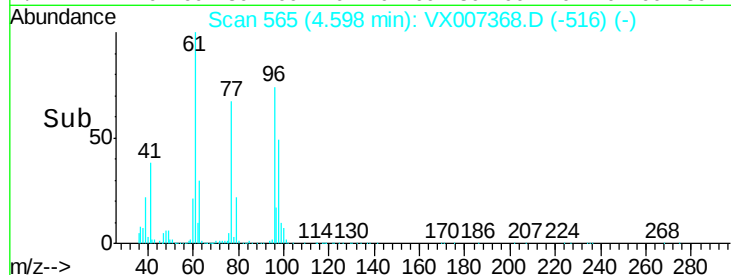
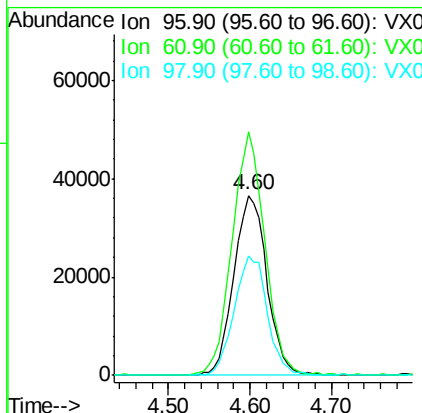
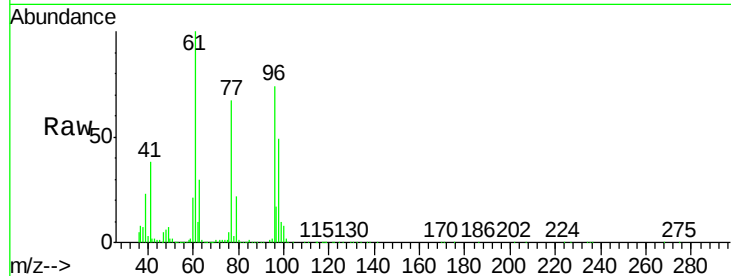


#27

cis-1,2-Dichloroethene
Concen: 19.167 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

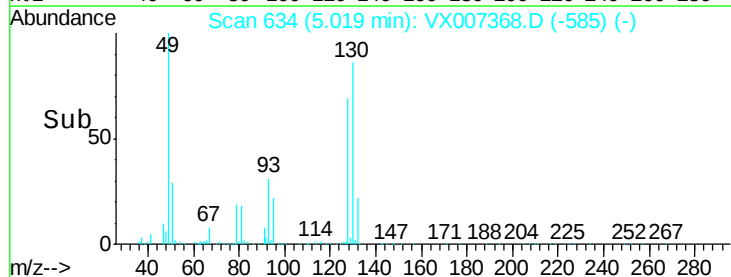
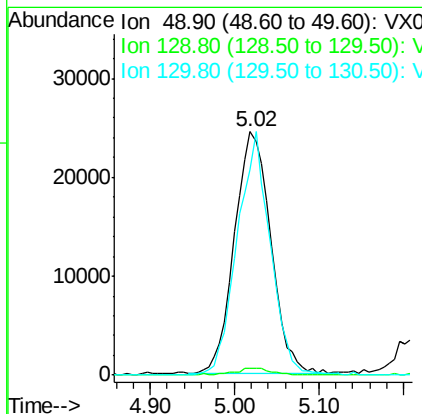
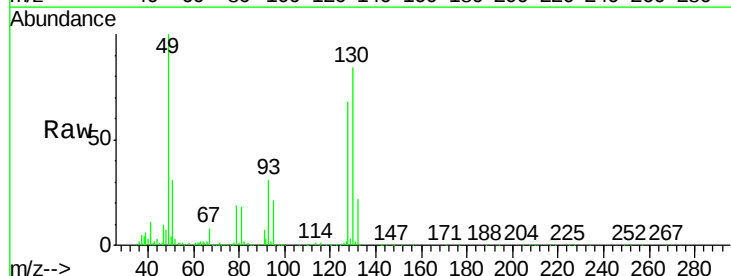
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	265.6
98	66.3	0.0	131.6



#28

Bromochloromethane
Concen: 19.729 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	90.8	75.6	113.4

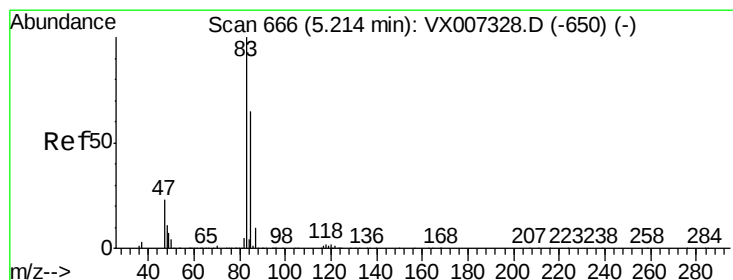
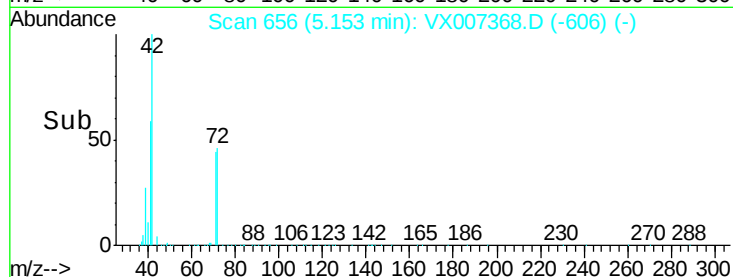
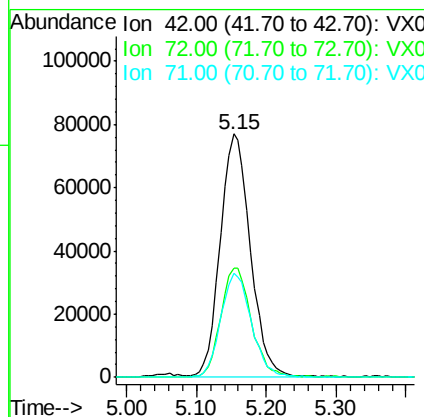
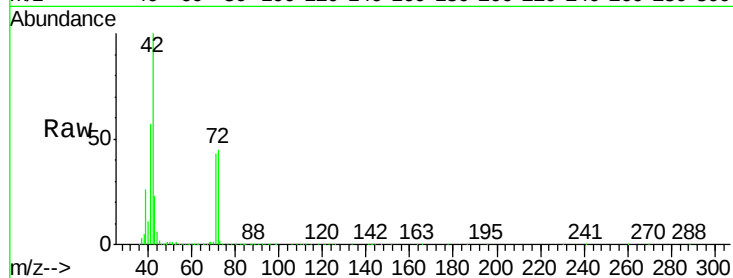




#29
Tetrahydrofuran
Concen: 108.703 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

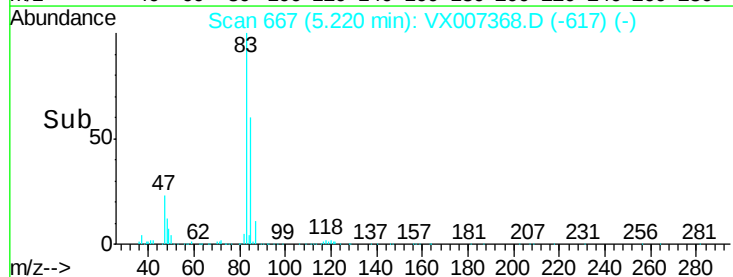
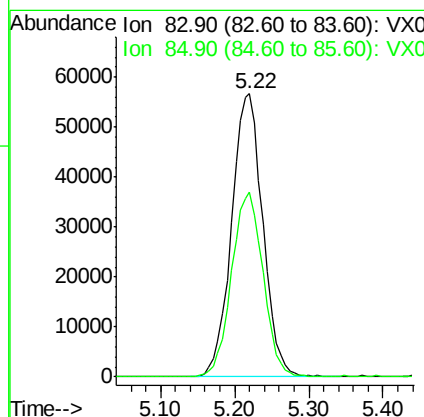
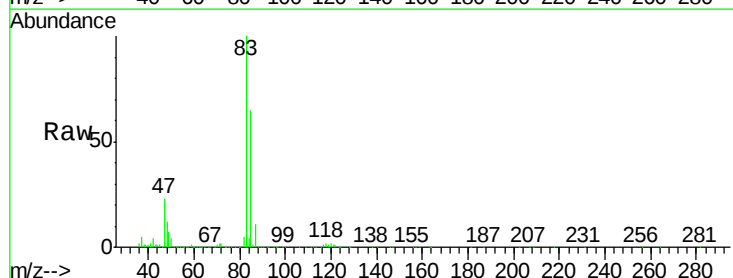
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

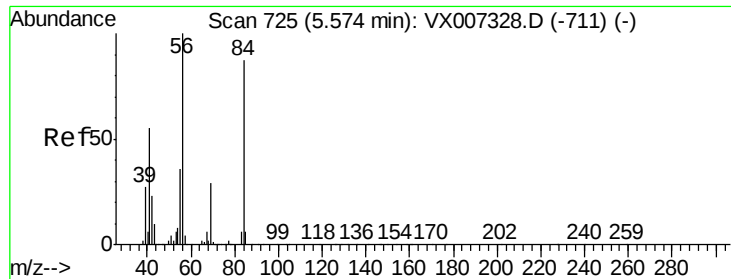
Tot Ion: 42 Resp: 228513
Ion Ratio Lower Upper
42 100
72 46.0 37.6 56.4
71 43.8 34.6 51.8



#30
Chloroform
Concen: 19.958 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 83 Resp: 165325
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4





#31

Cyclohexane

Concen: 19.228 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

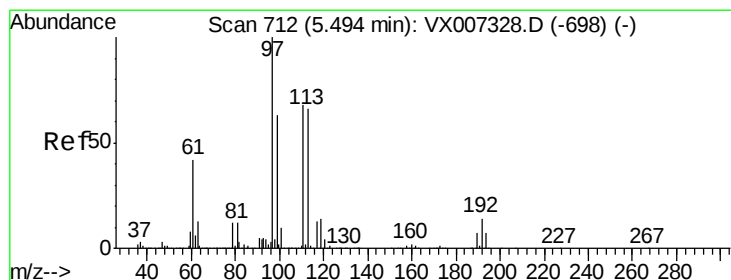
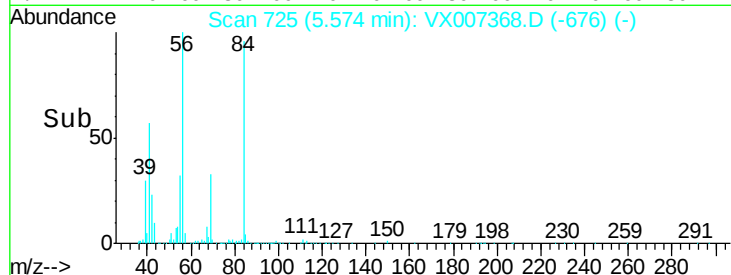
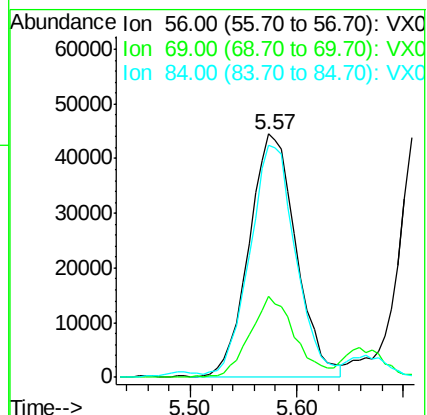
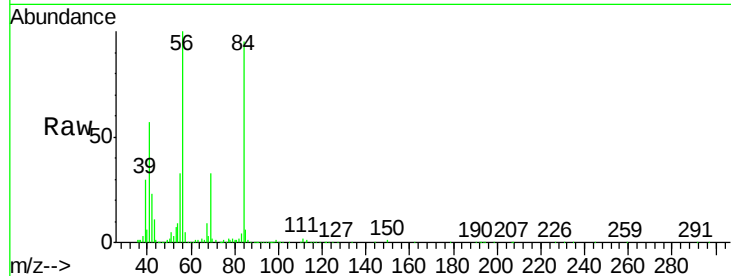
Tot Ion: 56 Resp: 137094

Ion Ratio Lower Upper

56 100

69 32.9 23.0 34.6

84 93.8 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 20.377 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

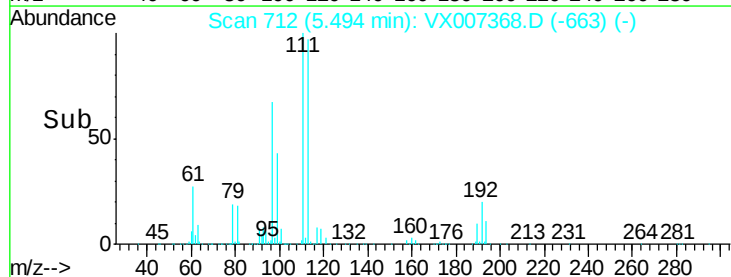
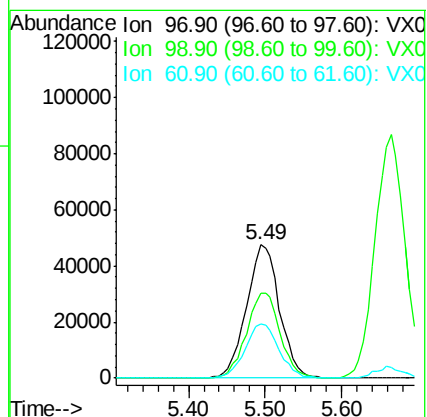
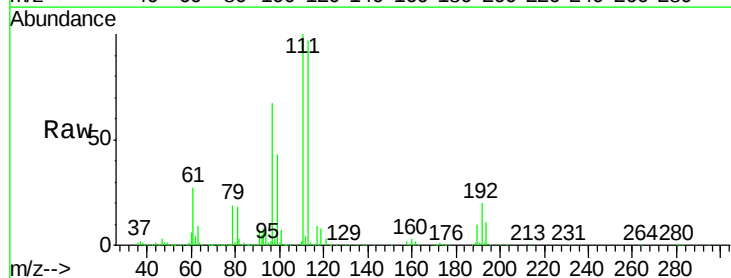
Tgt Ion: 97 Resp: 142484

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 41.8 32.7 49.1

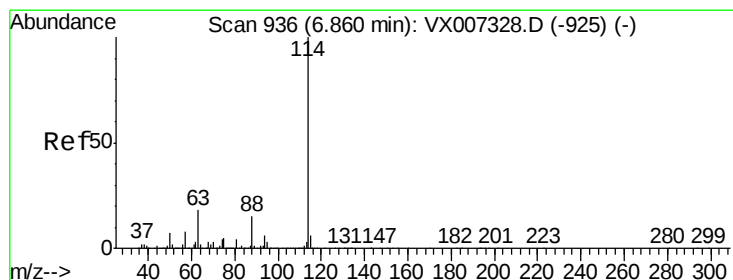
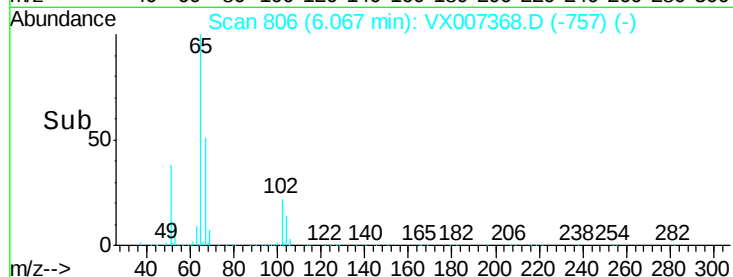
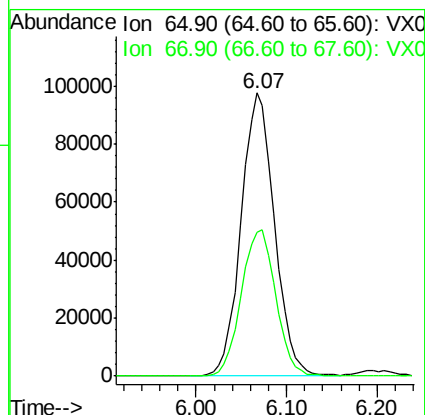
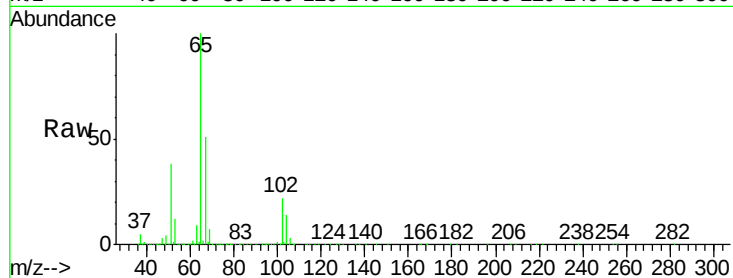




#33
 1,2-Dichloroethane-d4
 Concen: 48.390 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

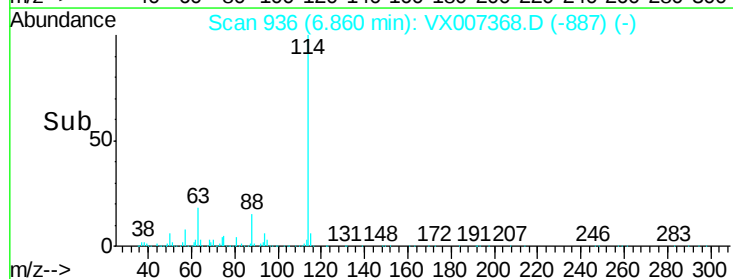
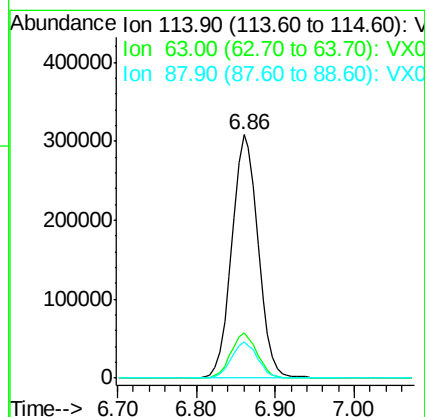
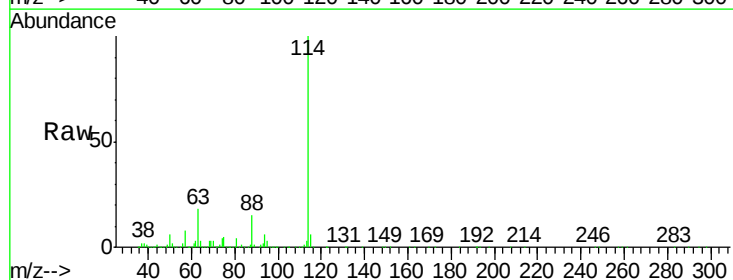
Instrument :
 MSVOA_X
 ClientSampled :
 VX0205WBS01

Tot Ion: 65 Resp: 248109
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion: 114 Resp: 716826
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.786 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0205WBS01

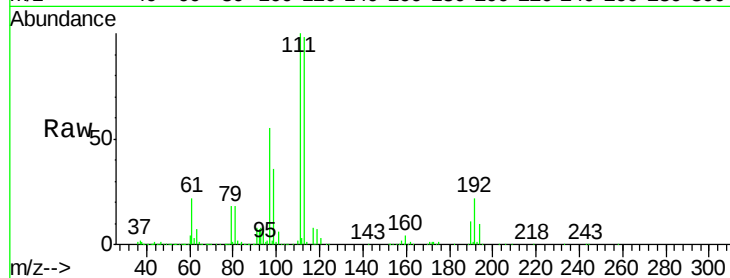
Tot Ion:113 Resp: 222882

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

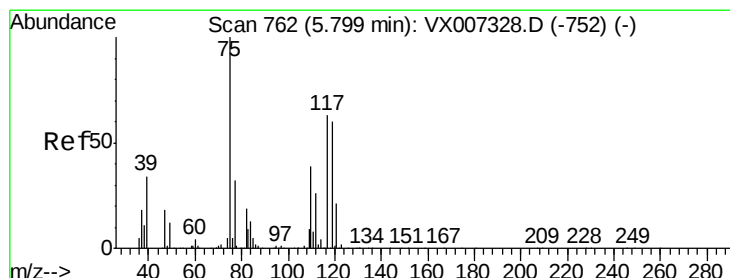
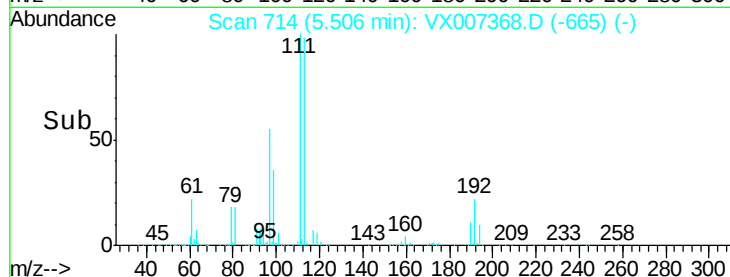
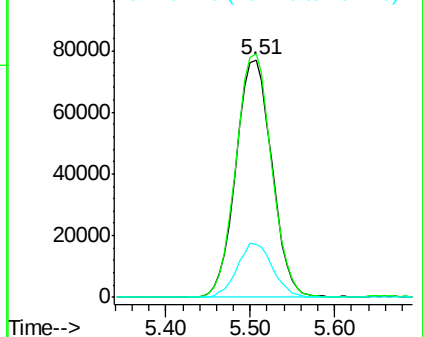
192 22.4 18.5 27.7



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: 18.496 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

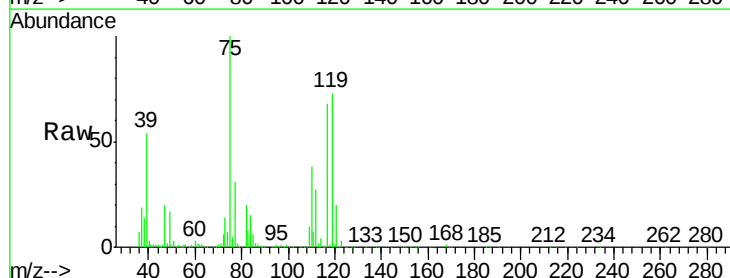
Tgt Ion: 75 Resp: 118961

Ion Ratio Lower Upper

75 100

110 40.8 20.0 59.9

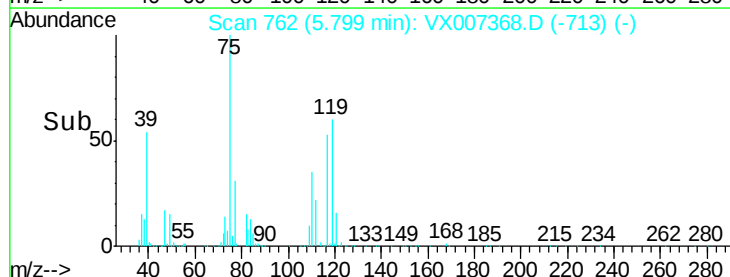
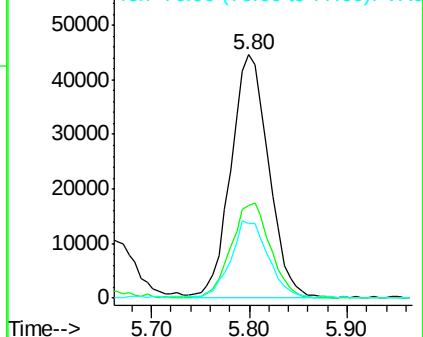
77 30.8 24.7 37.1

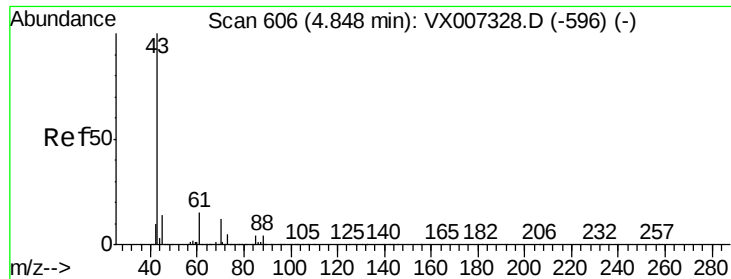


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

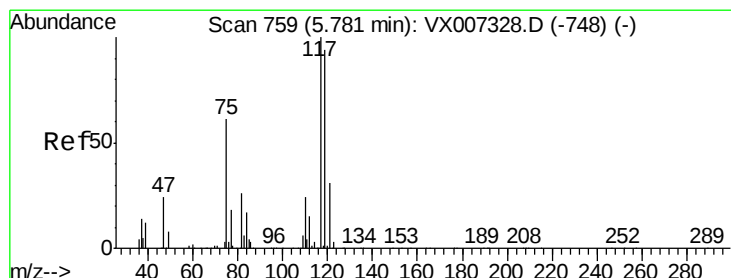
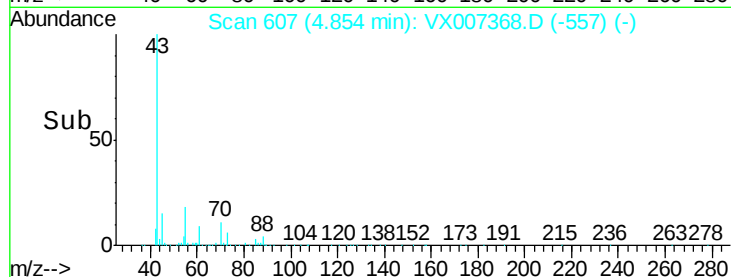
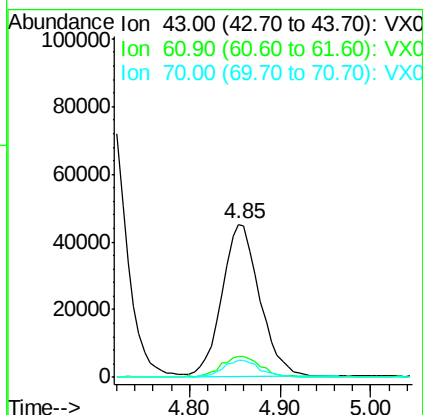
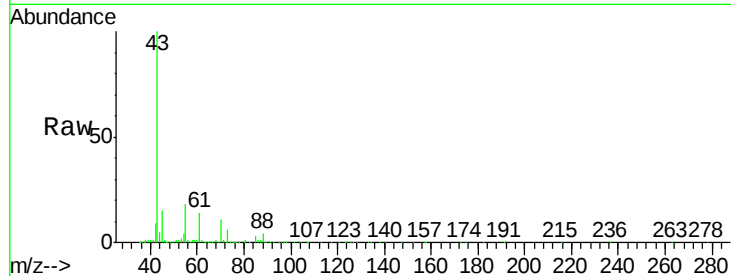




#37
Ethyl Acetate
Concen: 19.948 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

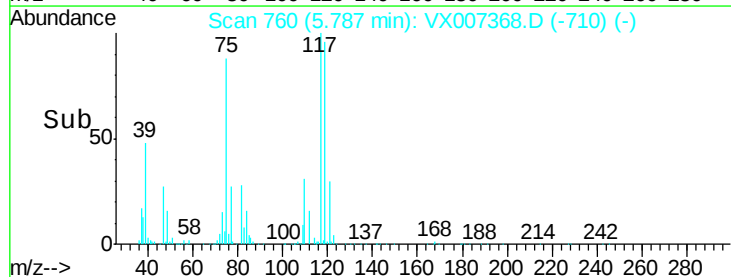
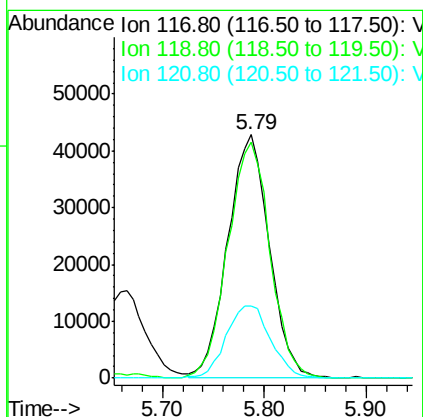
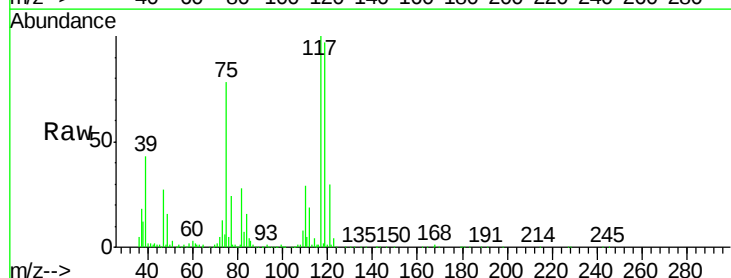
Instrument :
MSVOA_X
ClientSampleID :
VX0205WBS01

Tot Ion:	43	Resp:	129696
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.5	8.6	13.0



#38
Carbon Tetrachloride
Concen: 19.419 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion:	117	Resp:	121167
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.3	112.9
121	29.6	25.0	37.4

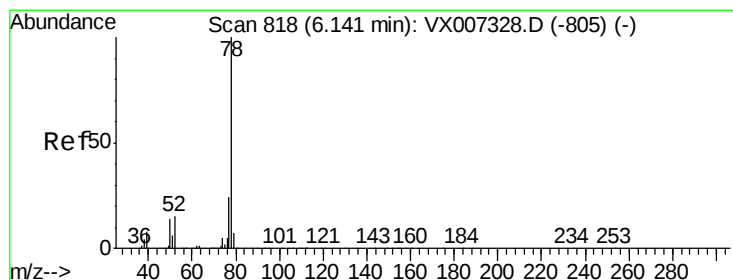
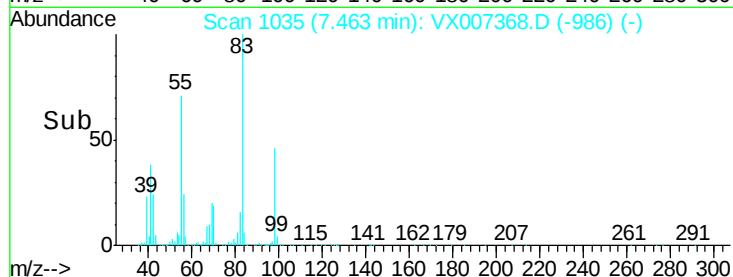
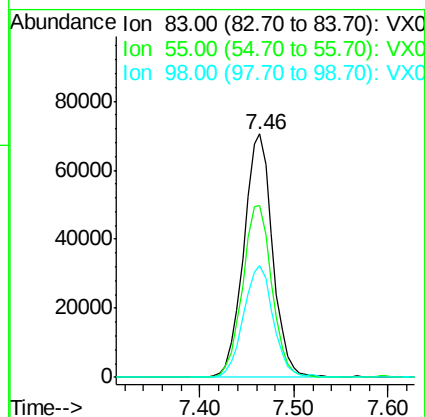
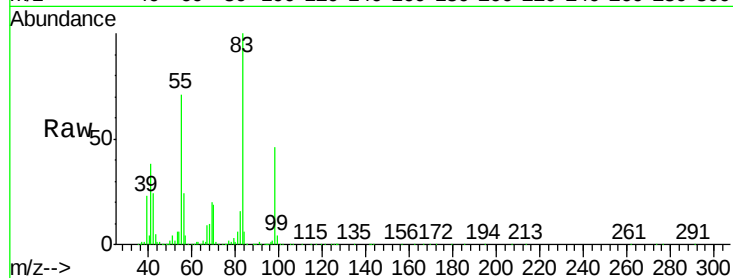




#39
Methvlcvclohexane
Concen: 19.432 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

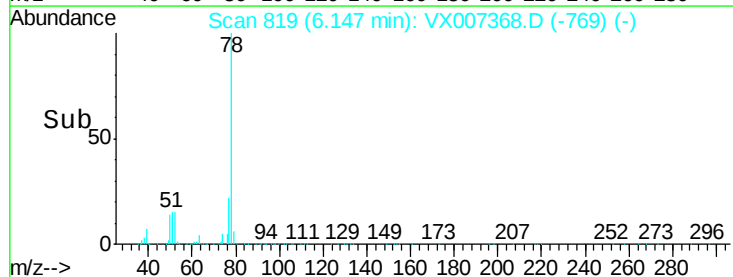
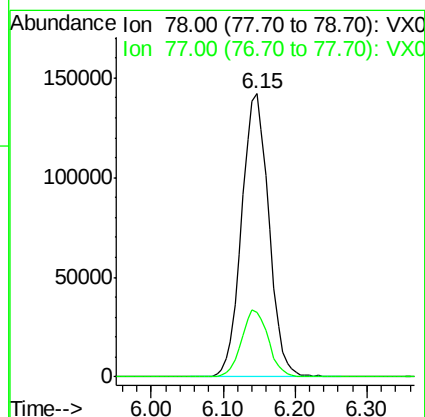
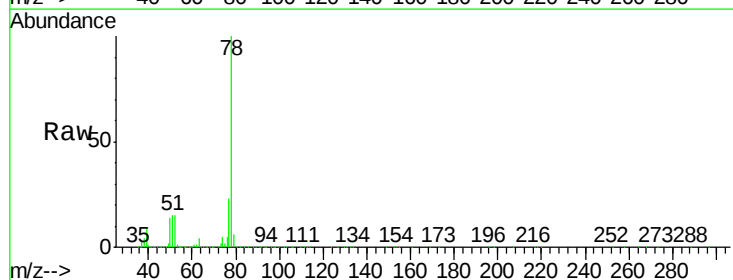
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

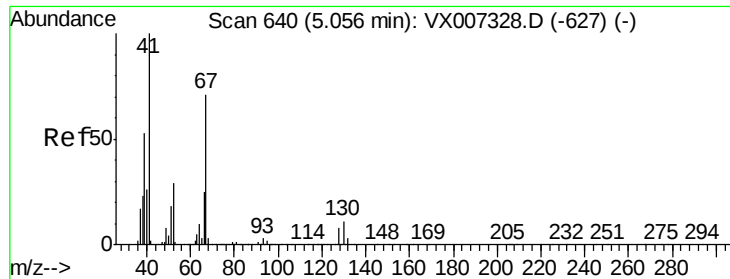
Tot Ion: 83 Resp: 151213
Ion Ratio Lower Upper
83 100
55 70.6 56.2 84.2
98 46.1 36.8 55.2



#40
Benzene
Concen: 19.706 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 78 Resp: 373342
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9

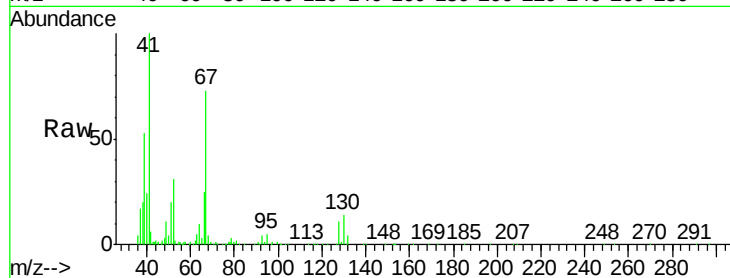




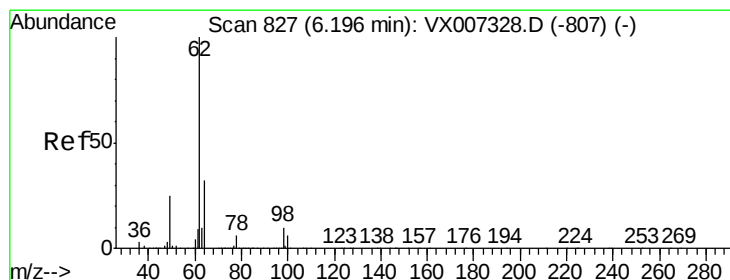
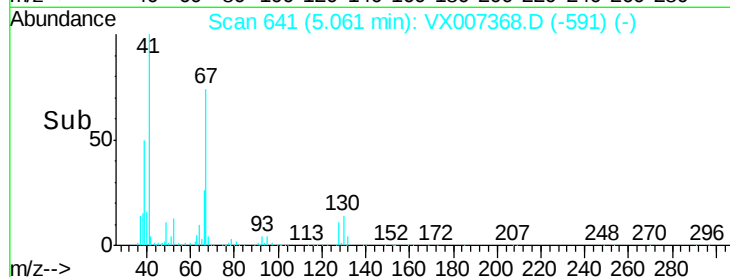
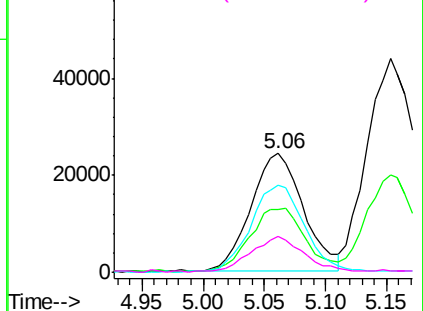
#41
Methacrylonitrile
Concen: 20.914 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion:	41	Resp:	72877
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.5	66.7
67	74.8	60.4	90.6
52	30.1	24.1	36.1

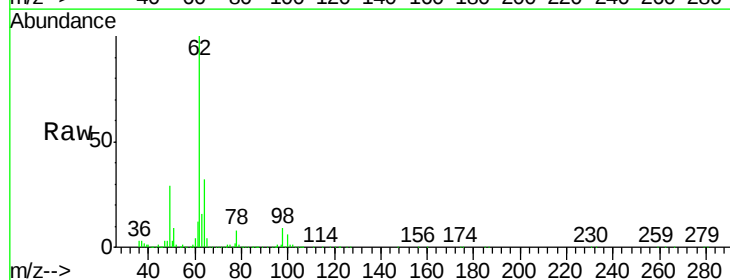


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

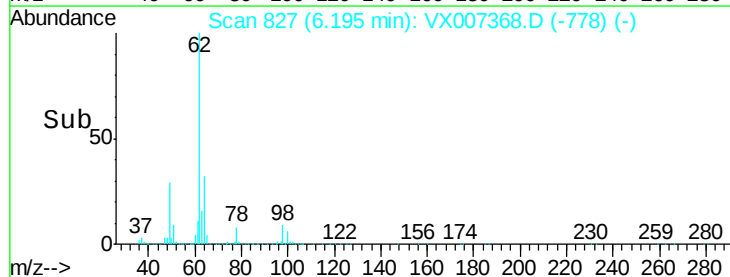
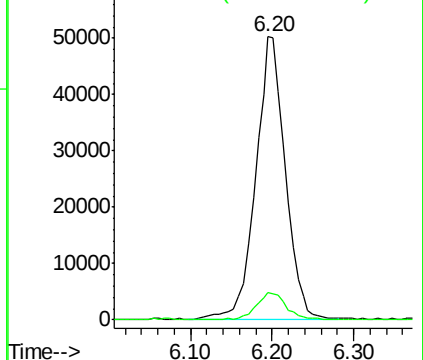


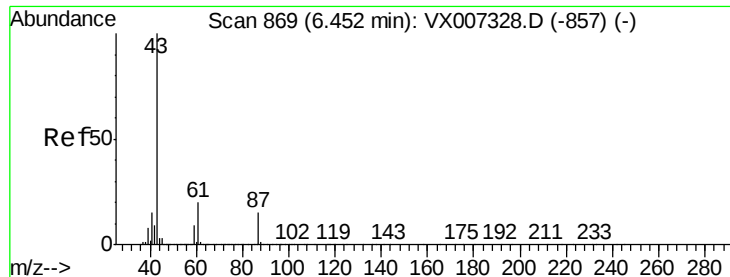
#42
1,2-Dichloroethane
Concen: 19.133 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion:	62	Resp:	125416
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



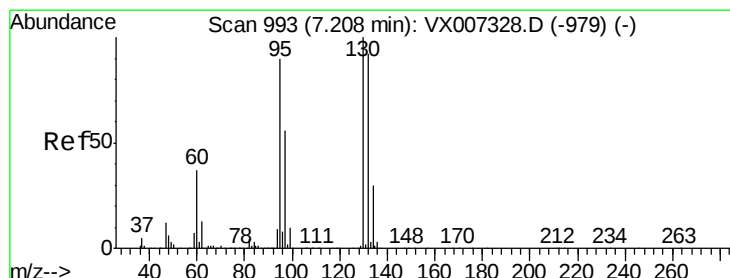
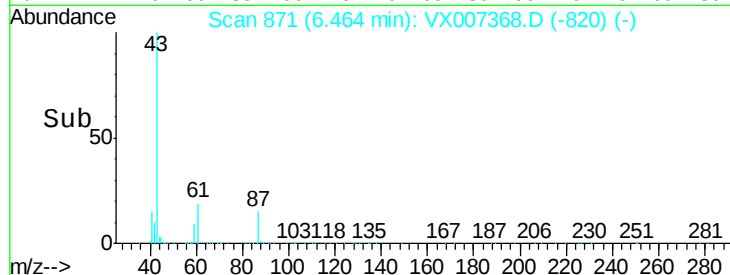
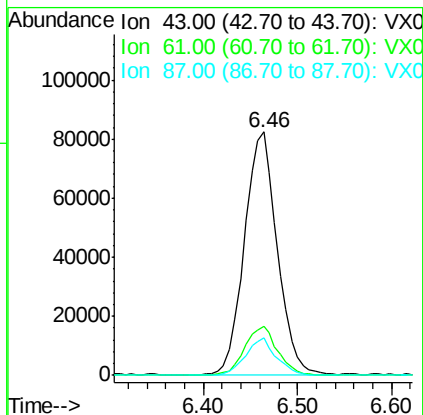
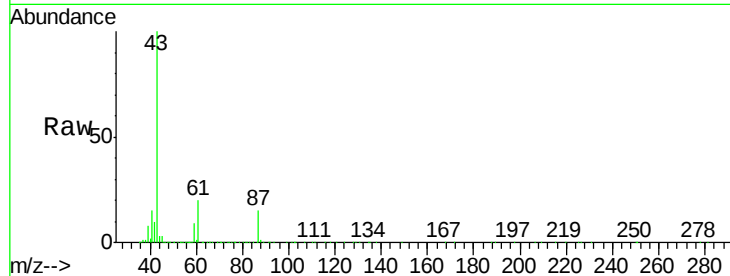


#43

Isopropyl Acetate
 Concen: 20.003 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

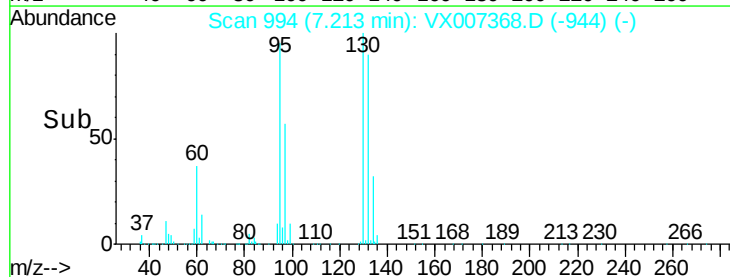
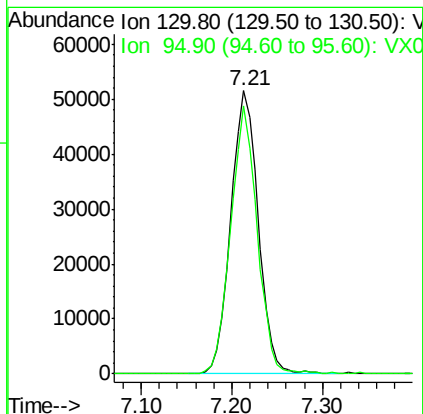
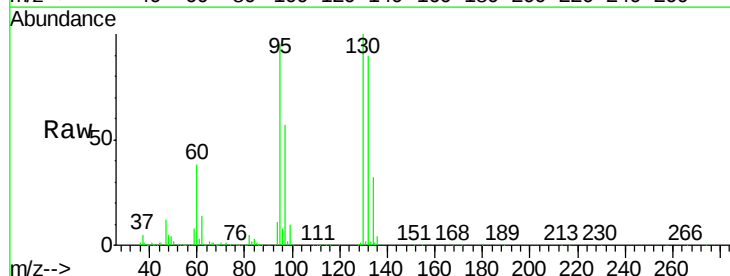
Tot Ion	43	Resp	200737
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.1	24.1
87	14.6	11.5	17.3

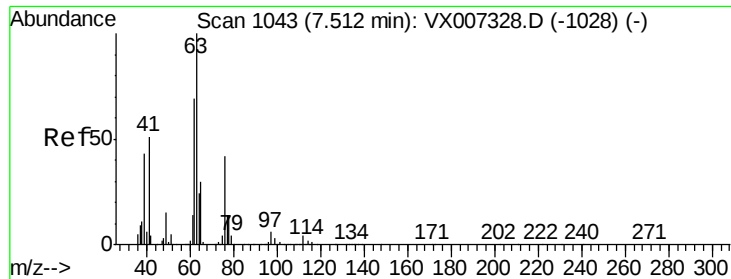


#44

Trichloroethene
 Concen: 18.997 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion	130	Resp	108399
Ion Ratio	Lower	Upper	
130	100		
95	94.8	0.0	180.0

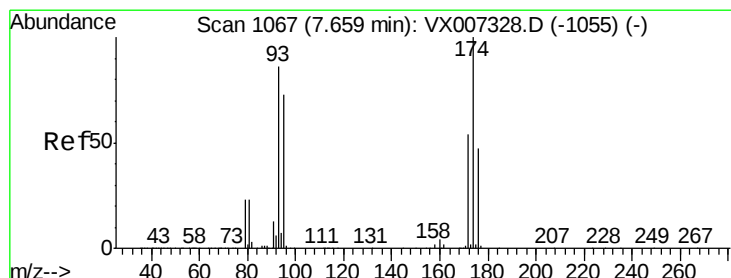
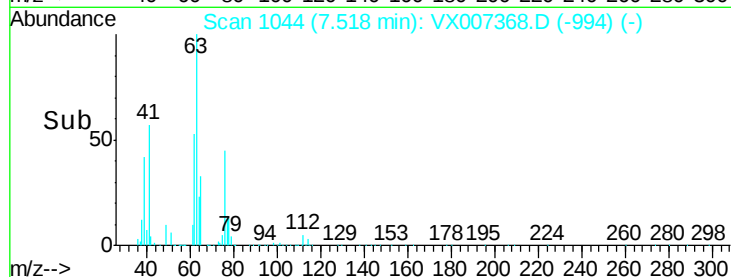
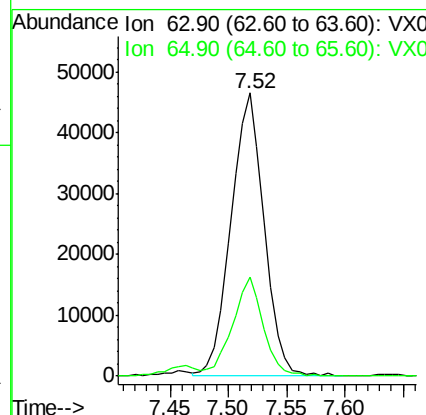
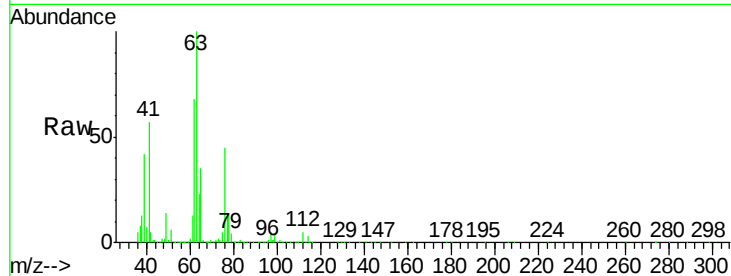




#45
 1,2-Dichloropropane
 Concen: 19.182 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

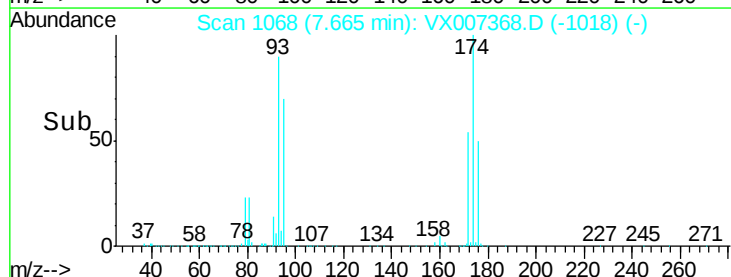
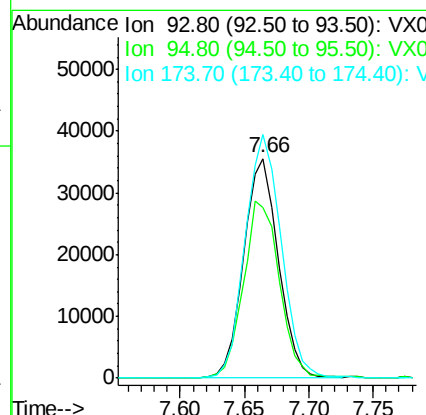
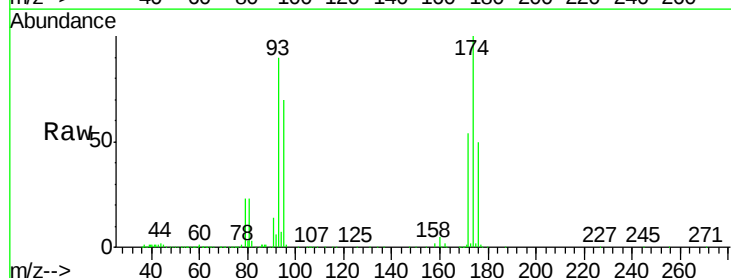
Instrument :
 MSVOA_X
 ClientSampled :
 VX0205WBS01

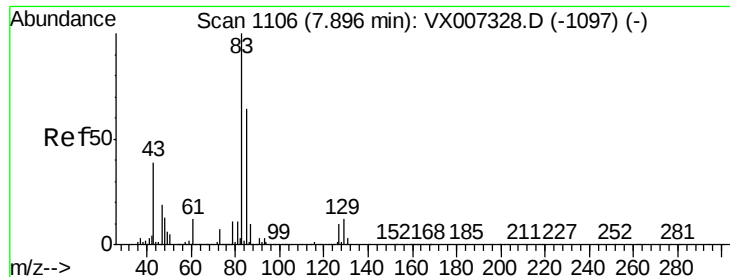
Tot Ion: 63 Resp: 91057
 Ion Ratio Lower Upper
 63 100
 65 35.1 24.2 36.2



#46
 Dibromomethane
 Concen: 19.274 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion: 93 Resp: 66496
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.6 101.4
 174 115.1 94.2 141.4





#47

Bromodichloromethane

Concen: 19.598 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

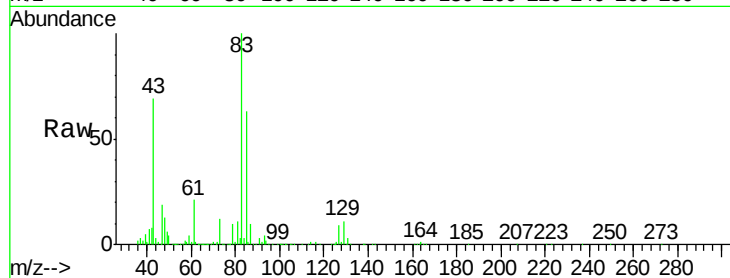
Tot Ion: 83 Resp: 114590

Ion Ratio Lower Upper

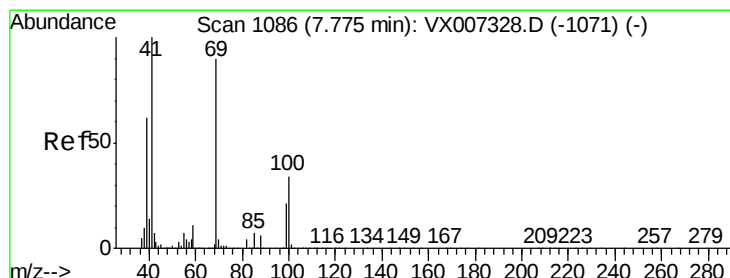
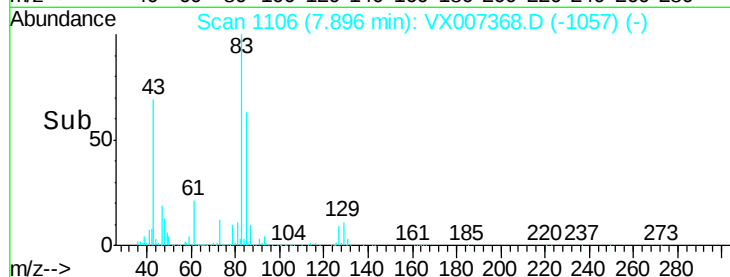
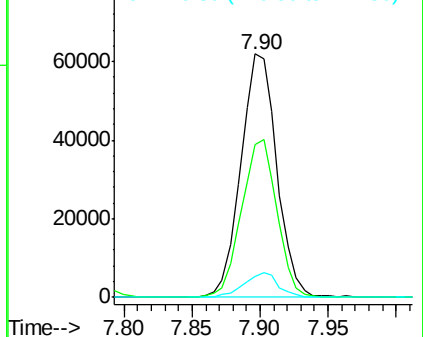
83 100

85 62.7 51.4 77.0

127 8.6 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: 20.858 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

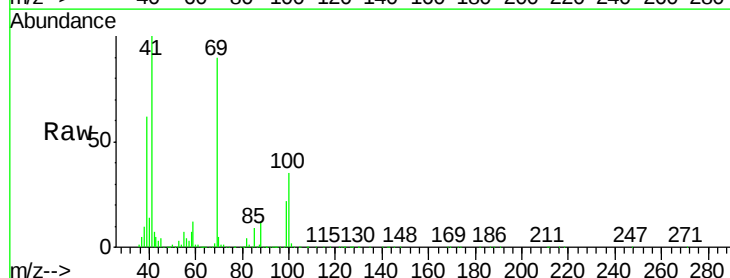
Tgt Ion: 41 Resp: 104699

Ion Ratio Lower Upper

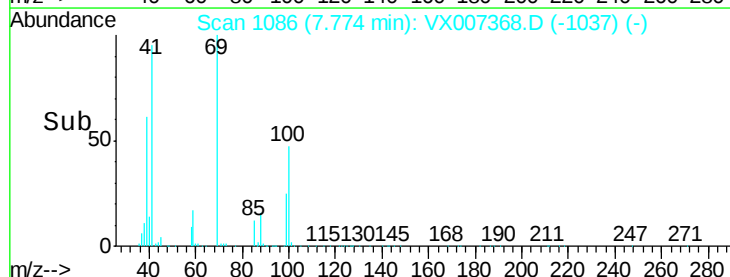
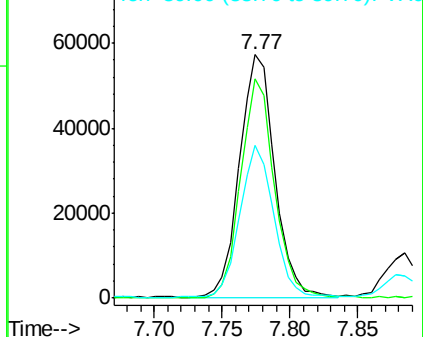
41 100

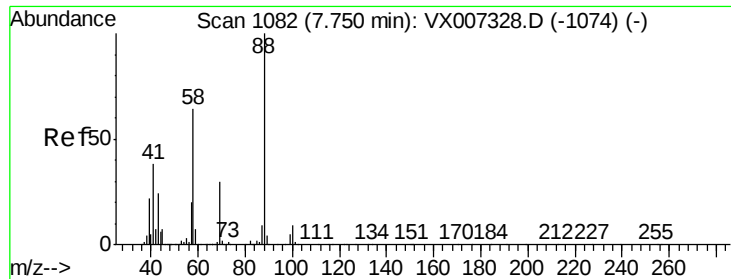
69 86.3 70.2 105.4

39 59.8 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: 439.395 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

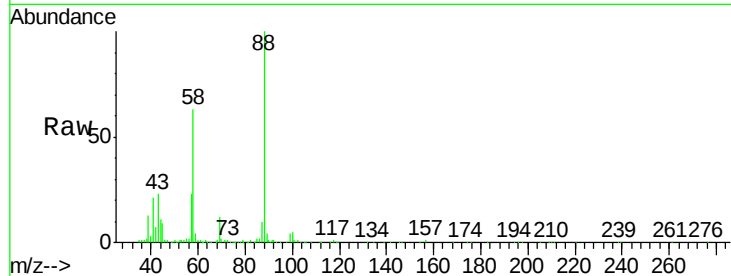
MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 88 Resp: 49716

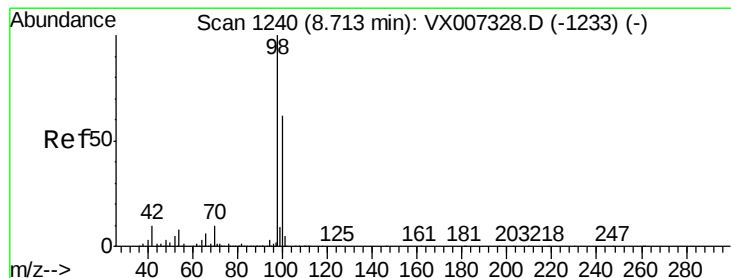
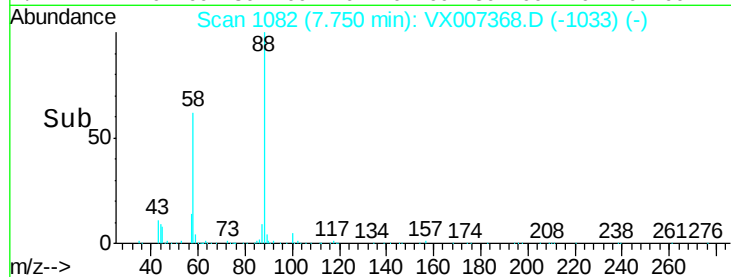
Ion	Ratio	Lower	Upper
88	100		
43	29.0	24.2	36.4
58	61.5	53.0	79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.360 ug/l

RT: 8.71 min Scan# 1240

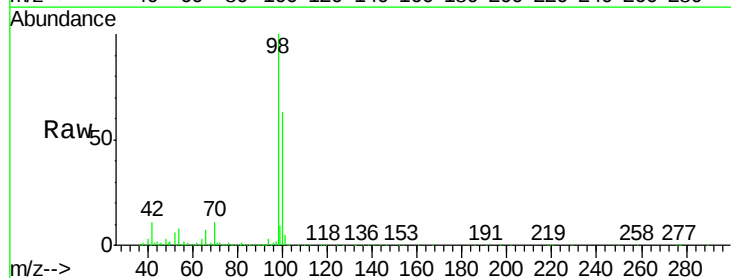
Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

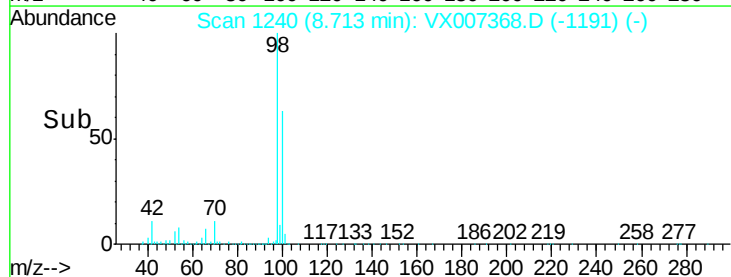
Tgt Ion: 98 Resp: 836854

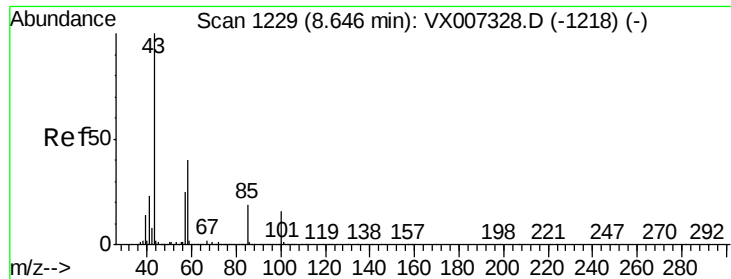
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.817 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

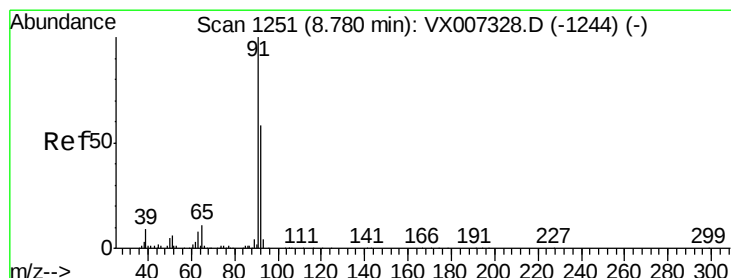
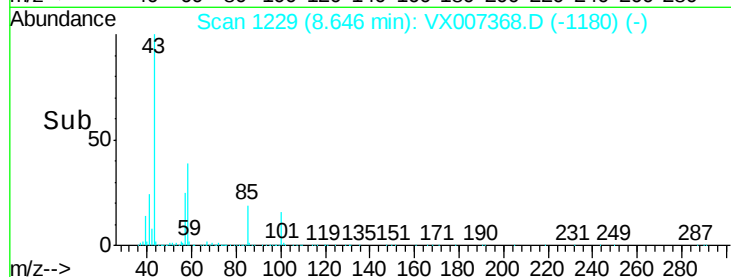
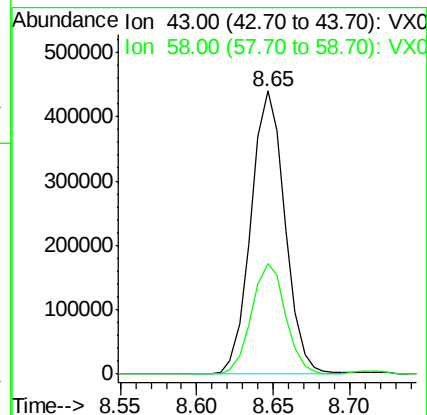
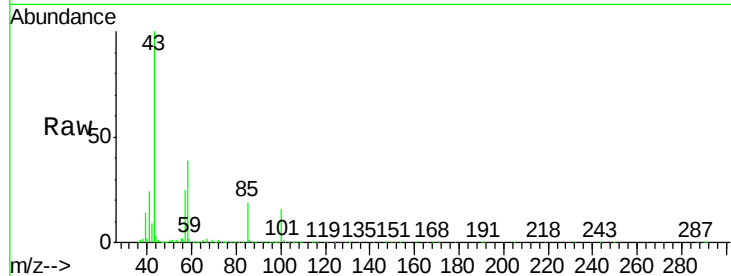
VX0205WBS01

Tot Ion: 43 Resp: 679240

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 19.526 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007368.D

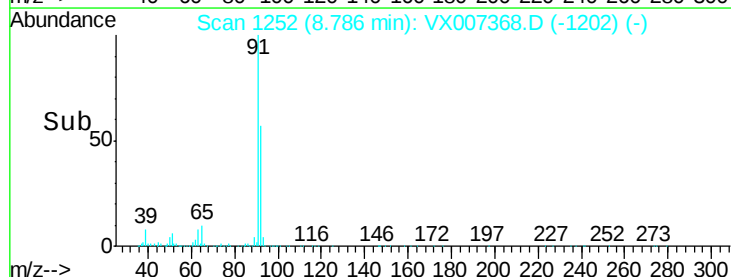
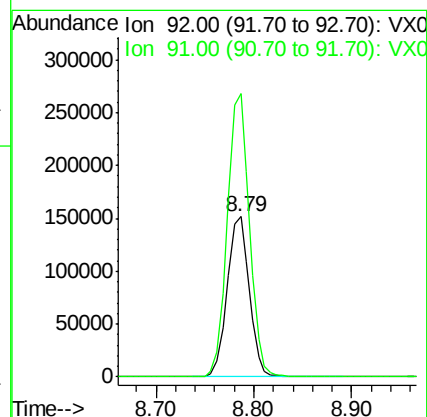
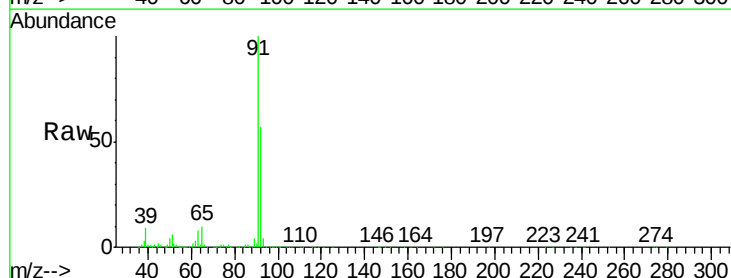
Acq: 05 Feb 2019 11:25

Tgt Ion: 92 Resp: 238679

Ion Ratio Lower Upper

92 100

91 176.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.495 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

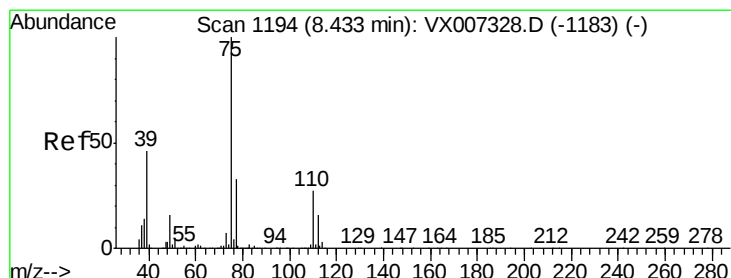
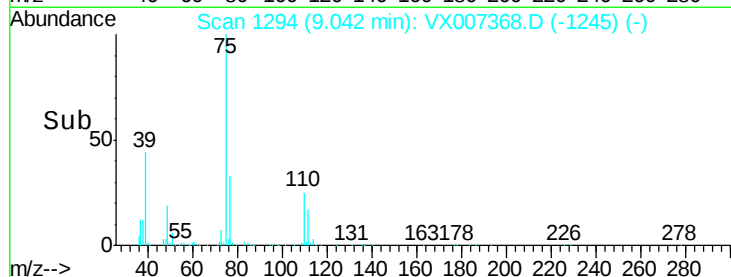
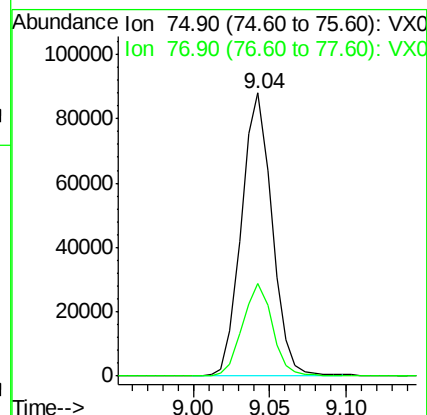
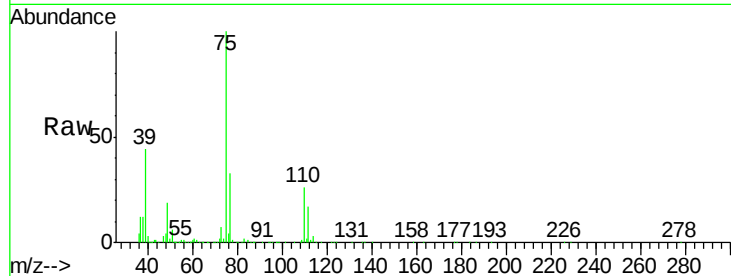
VX0205WBS01

Tot Ion: 75 Resp: 122442

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.172 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

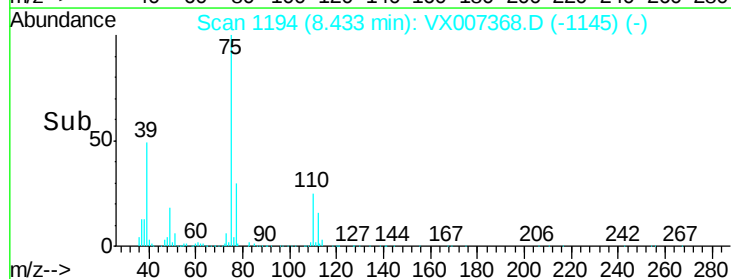
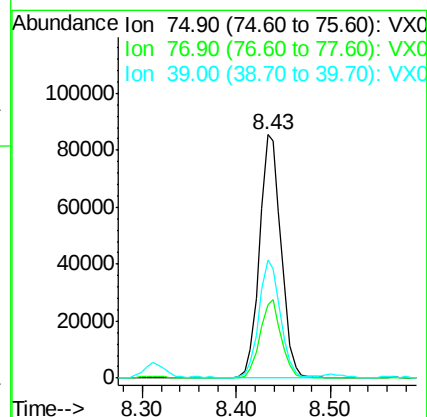
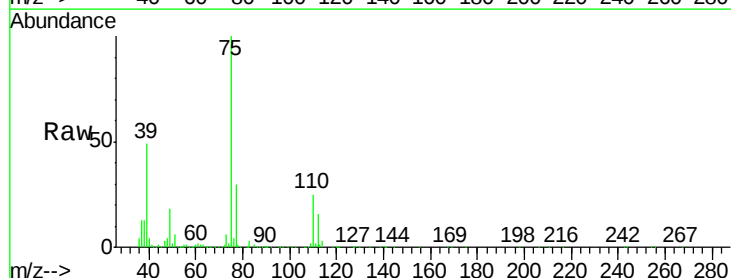
Tgt Ion: 75 Resp: 139323

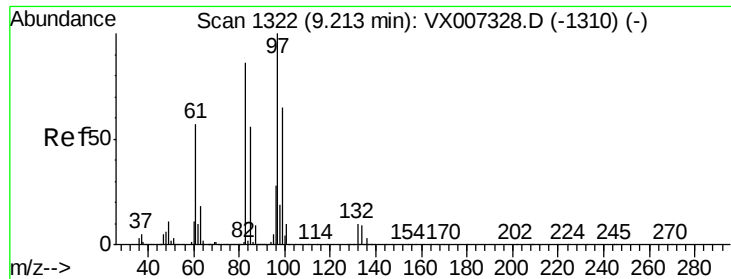
Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.4

39 48.3 37.1 55.7

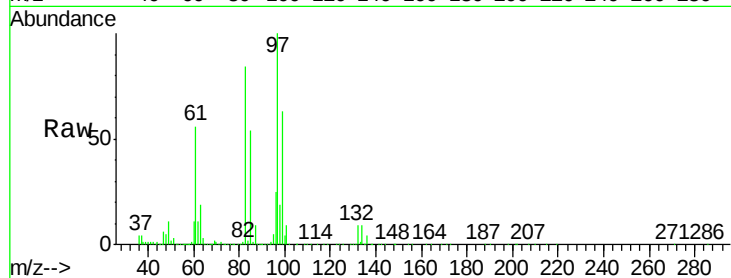




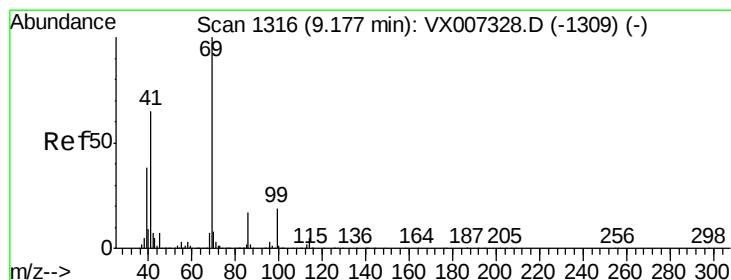
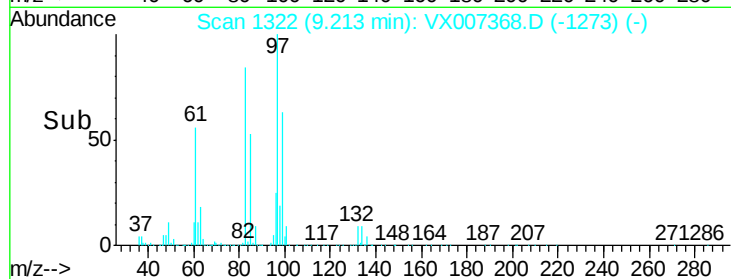
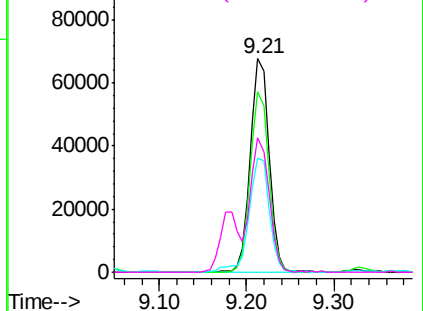
#55
 1,1,2-Trichloroethane
 Concen: 19.869 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion:	97	Resp:	101237
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	102.8
85	53.5	44.5	66.7
99	62.9	52.2	78.4

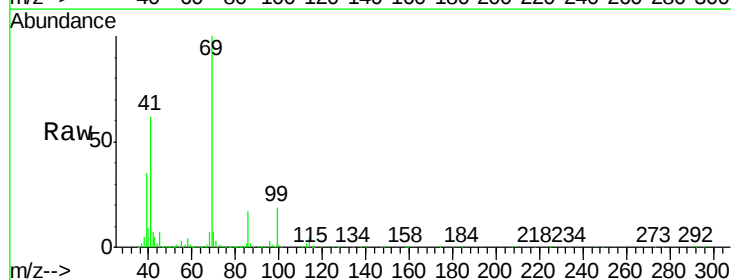


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

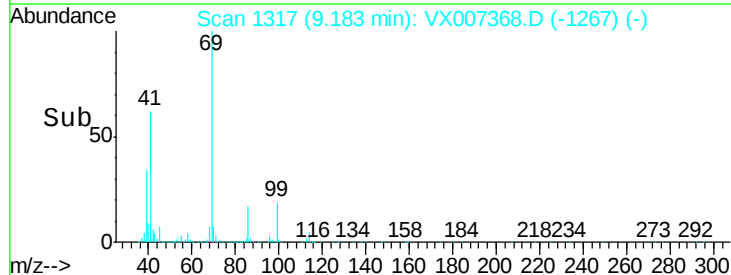
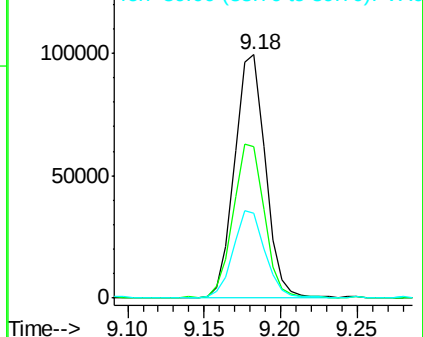


#56
 Ethyl methacrylate
 Concen: 19.740 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion:	69	Resp:	139306
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	36.6	30.1	45.1



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





#57

1,3-Dichloropropane

Concen: 19.854 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

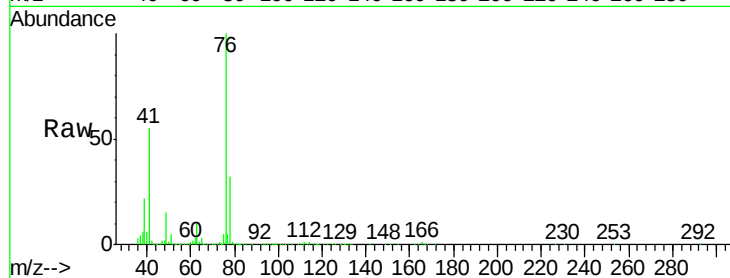
VX0205WBS01

Tot Ion: 76 Resp: 160881

Ion Ratio Lower Upper

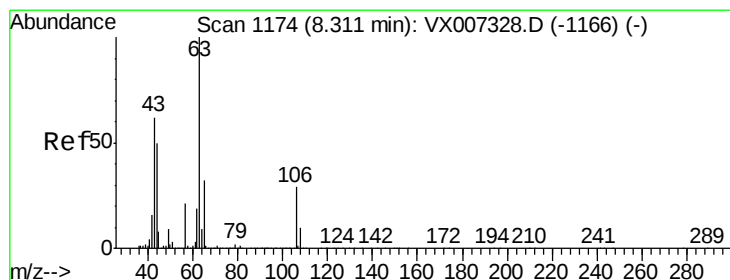
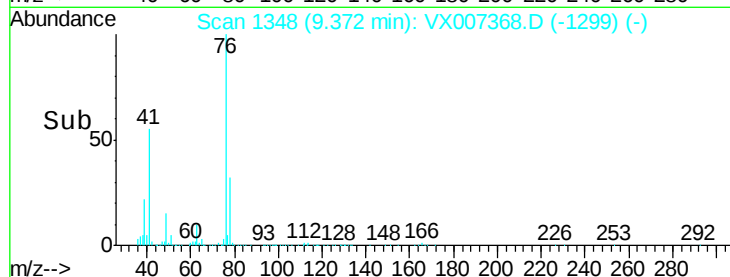
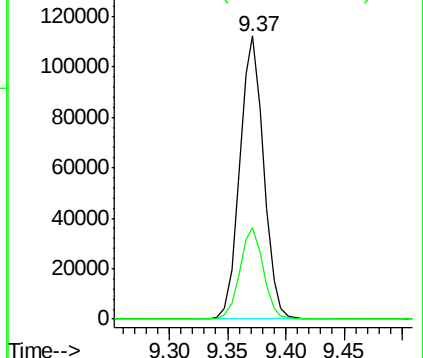
76 100

78 31.6 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: 102.075 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007368.D

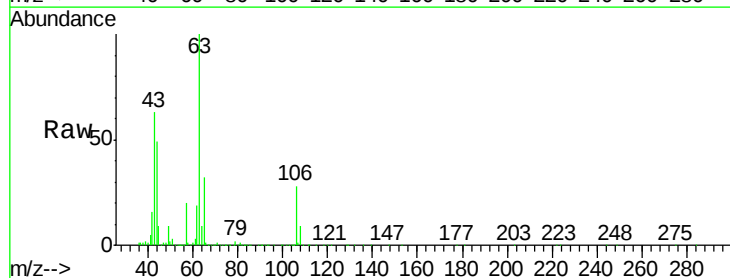
Acq: 05 Feb 2019 11:25

Tgt Ion: 63 Resp: 379682

Ion Ratio Lower Upper

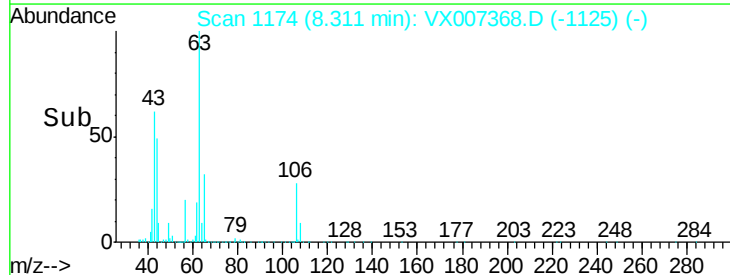
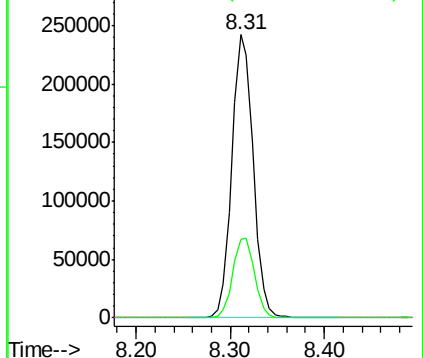
63 100

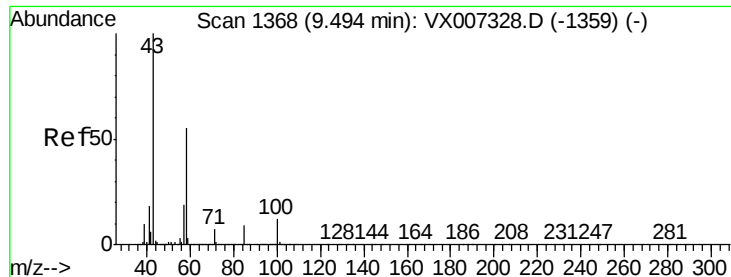
106 28.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

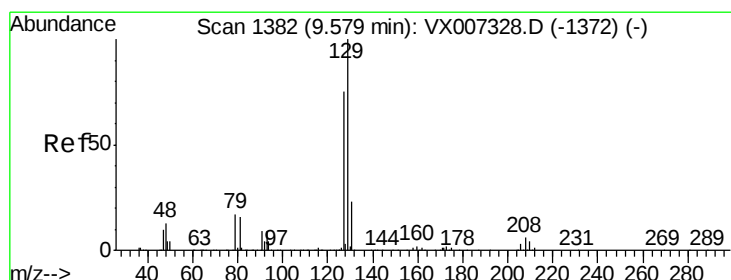
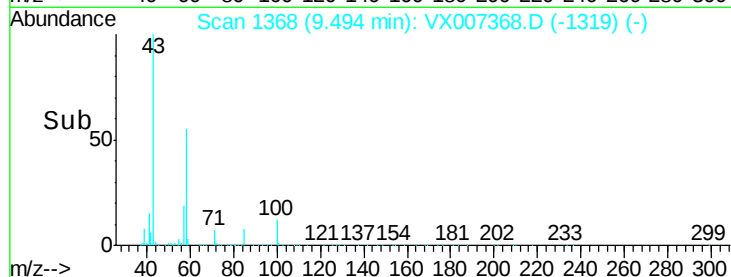
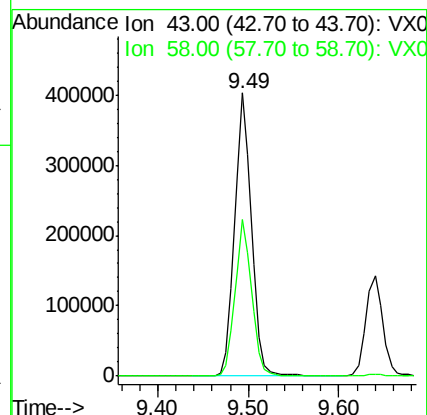
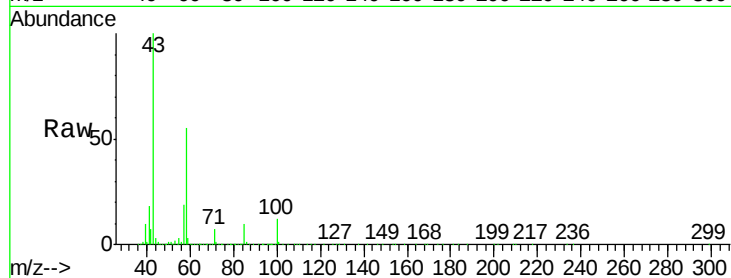




#59
2-Hexanone
Concen: 101.015 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

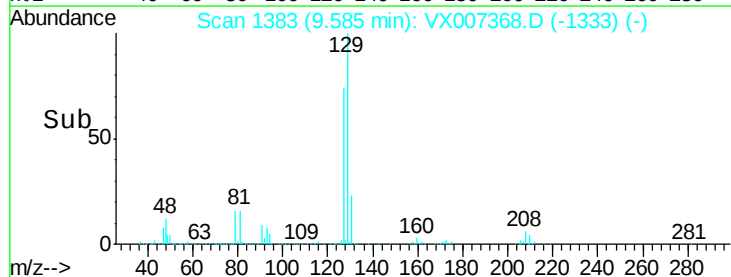
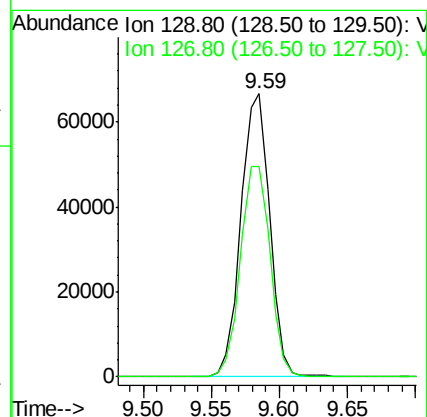
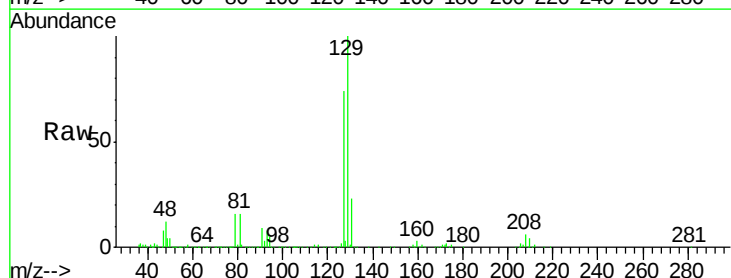
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

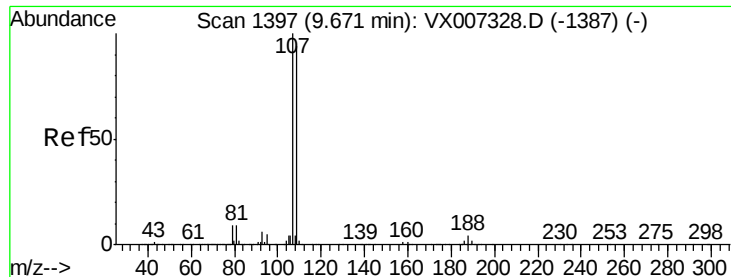
Tot Ion: 43 Resp: 519298
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 20.453 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion:129 Resp: 98560
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.824 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

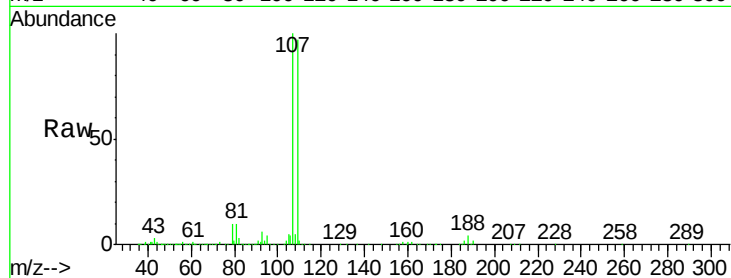
VX0205WBS01

Tot Ion:107 Resp: 106972

Ion Ratio Lower Upper

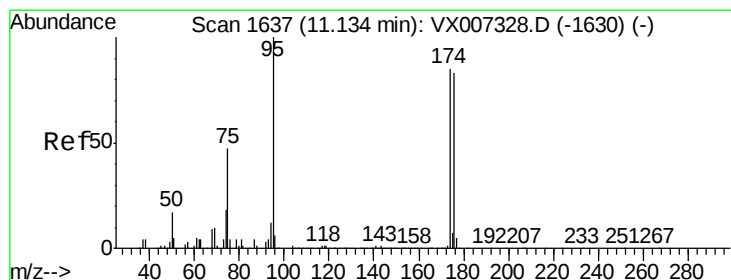
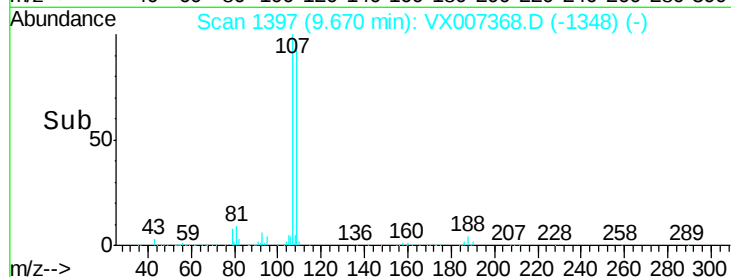
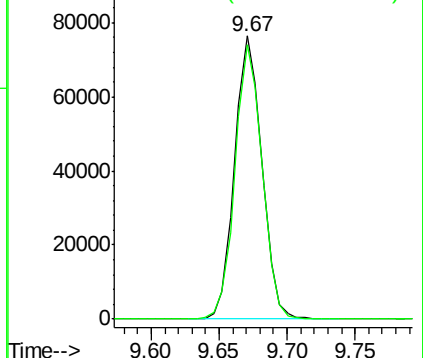
107 100

109 96.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.691 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

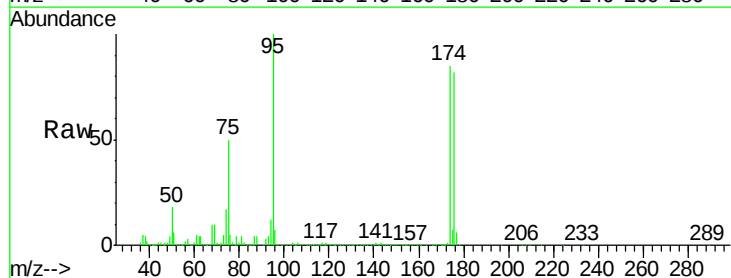
Tgt Ion: 95 Resp: 294992

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

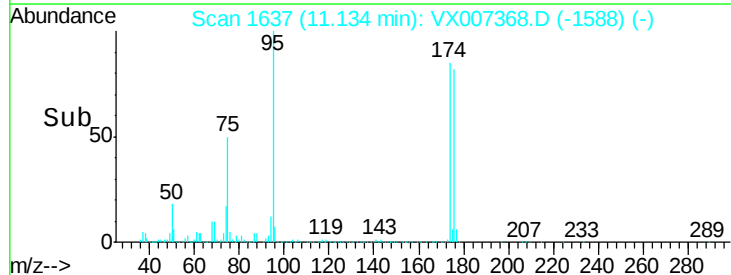
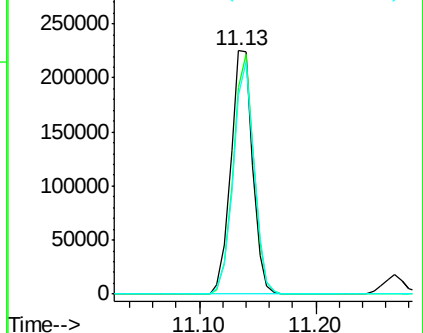
176 90.7 0.0 186.2

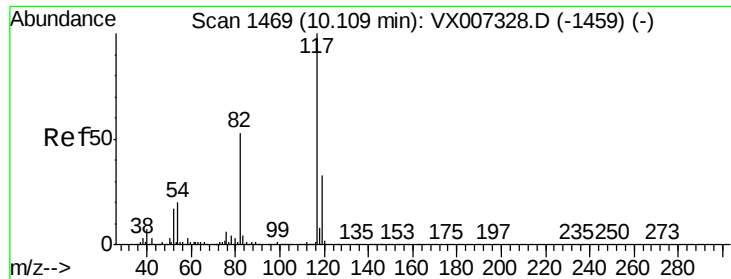


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

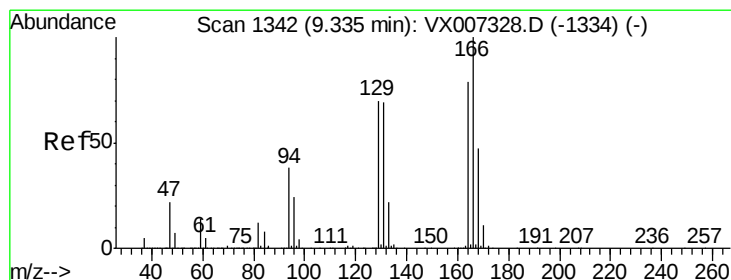
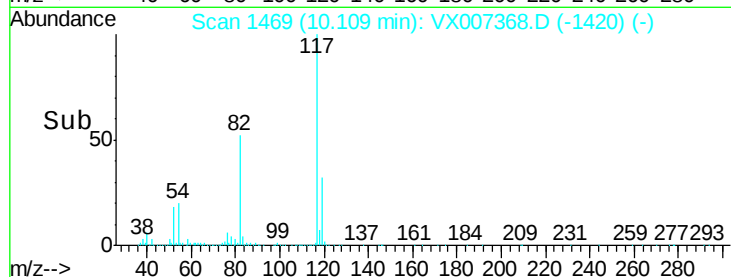
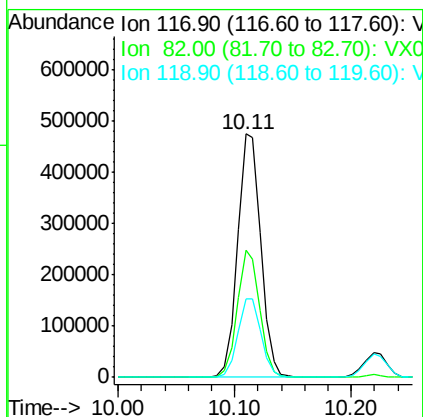
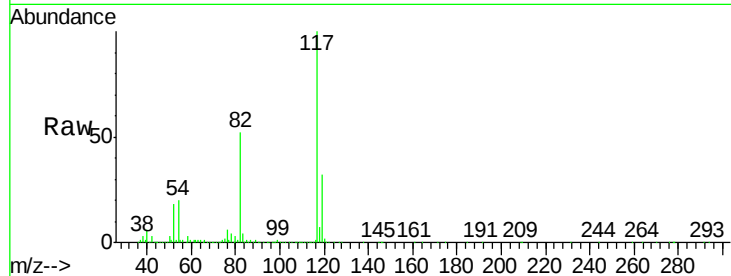




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

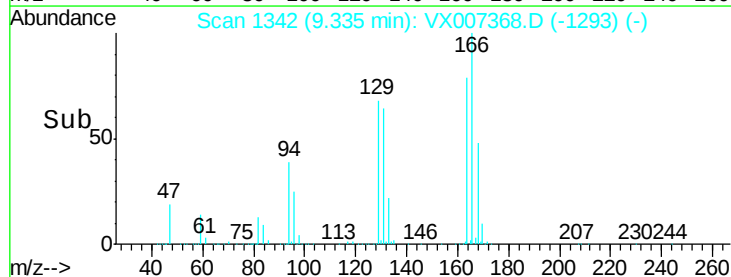
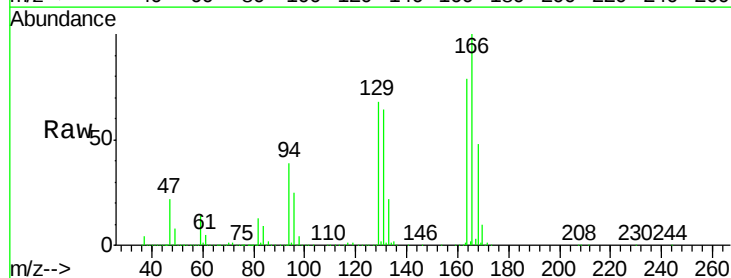
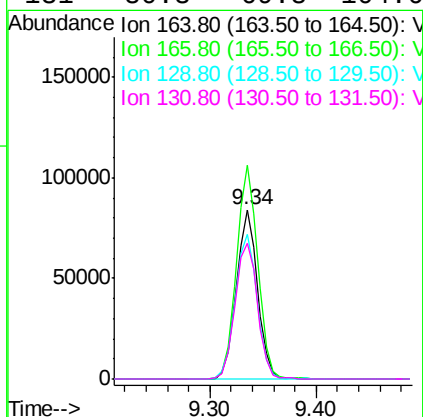
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion:117 Resp: 660364
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 18.876 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion:164 Resp: 117488
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 85.5 70.5 105.7
131 80.3 69.8 104.6





#65

Chlorobenzene

Concen: 19.017 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

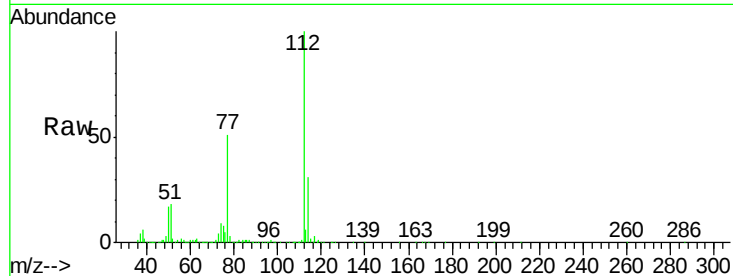
VX0205WBS01

Tot Ion:112 Resp: 274046

Ion Ratio Lower Upper

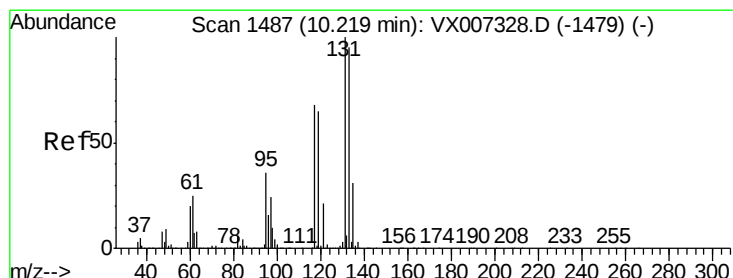
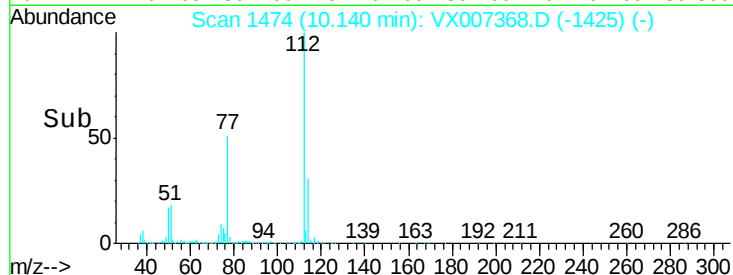
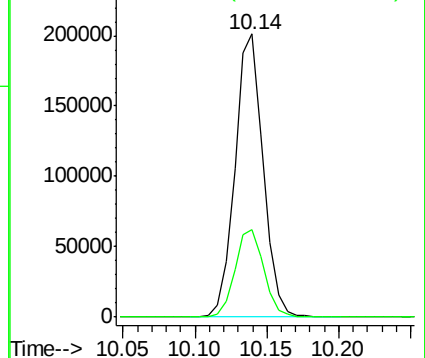
112 100

114 30.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.845 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

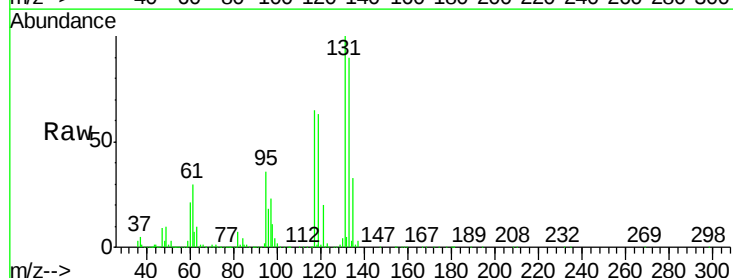
Tgt Ion:131 Resp: 95877

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

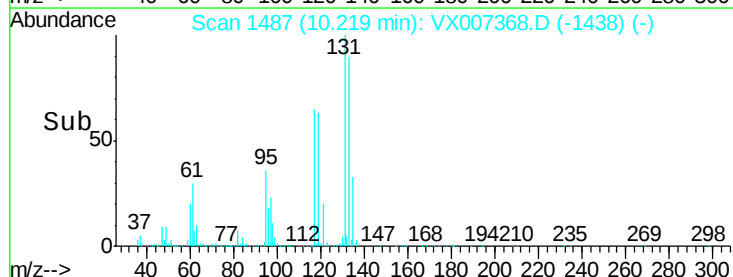
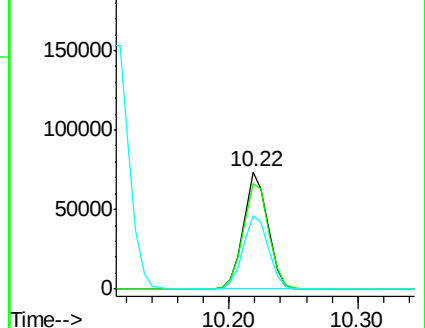
119 65.9 32.0 96.0

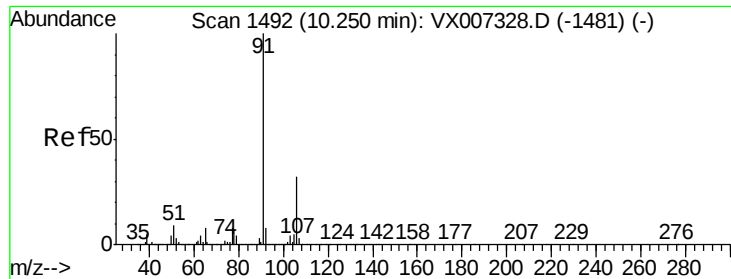


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.439 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

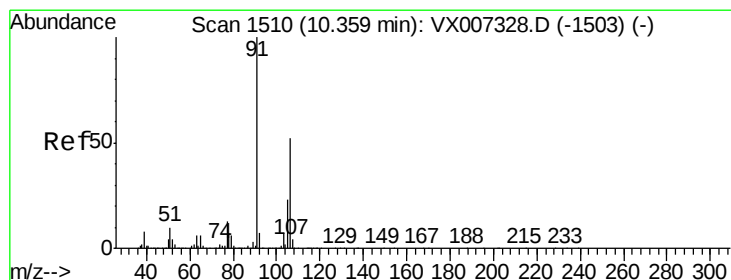
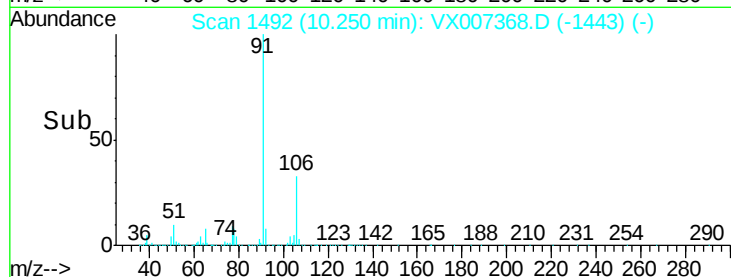
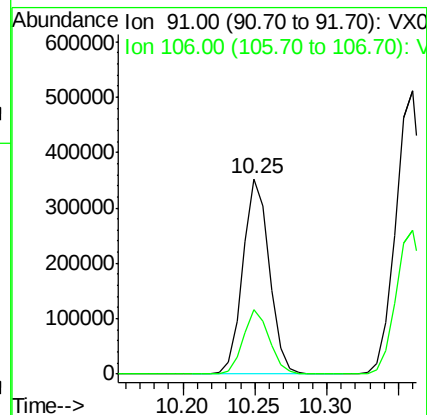
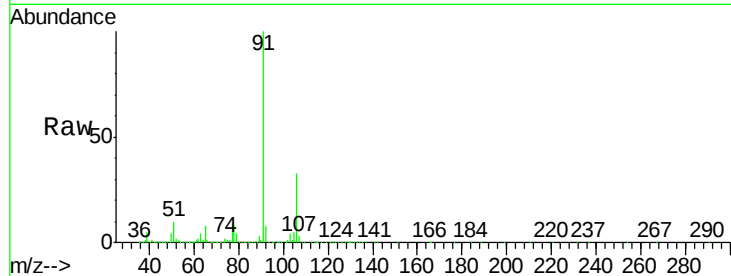
VX0205WBS01

Tot Ion: 91 Resp: 451113

Ion Ratio Lower Upper

91 100

106 33.2 25.4 38.0



#68

m/p-Xylenes

Concen: 38.414 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007368.D

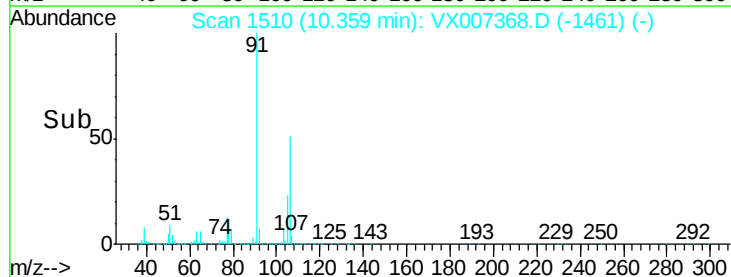
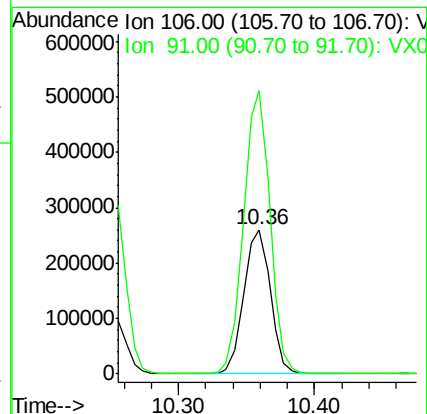
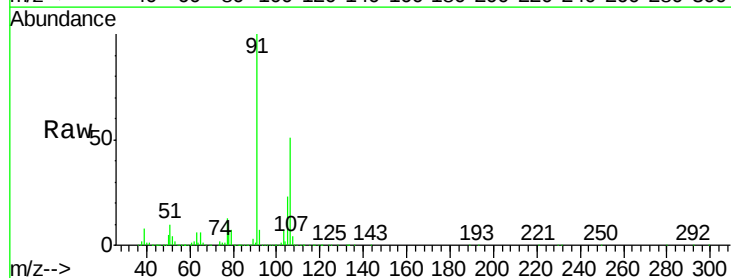
Acq: 05 Feb 2019 11:25

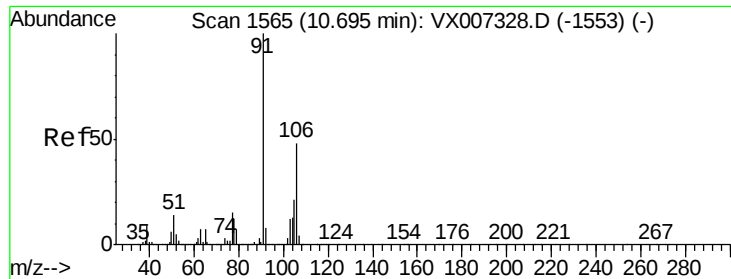
Tgt Ion: 106 Resp: 354363

Ion Ratio Lower Upper

106 100

91 194.6 156.6 234.8

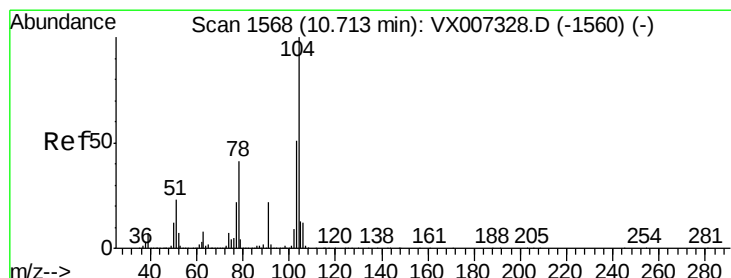
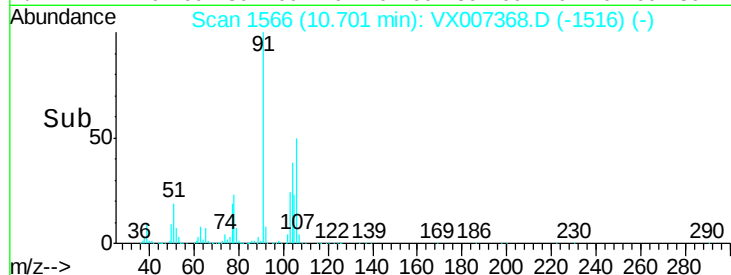
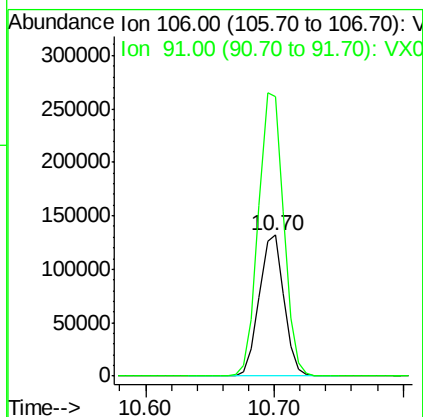
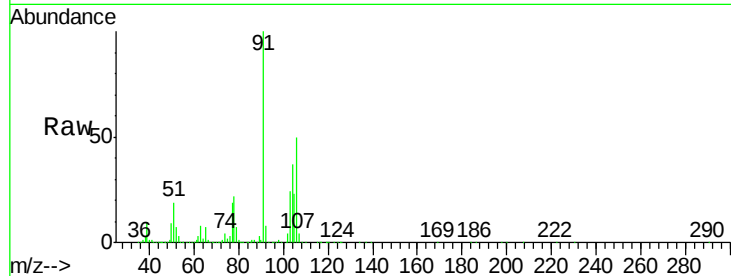




#69
o-Xylene
Concen: 19.659 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

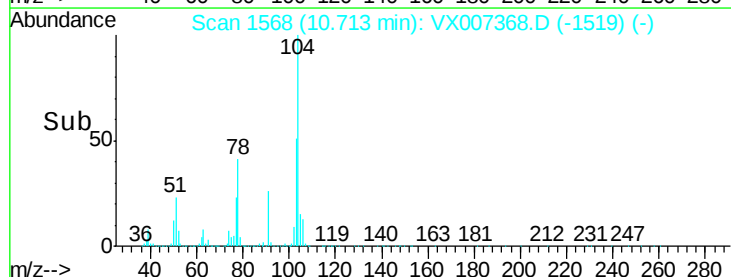
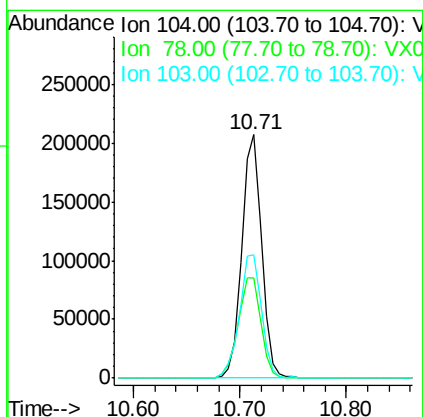
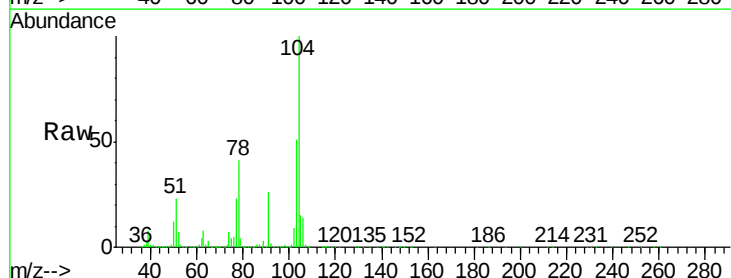
Instrument :
MSVOA_X
ClientSampled :
VX0205WBS01

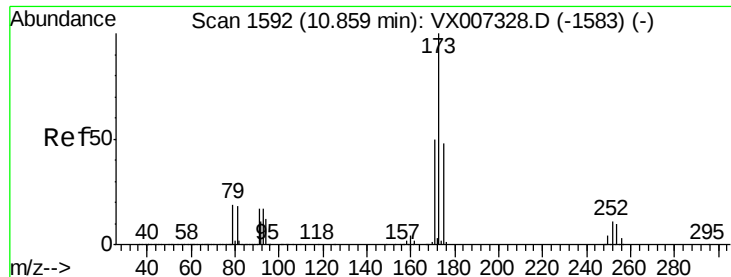
Tot Ion:106 Resp: 174501
Ion Ratio Lower Upper
106 100
91 204.5 102.9 308.7



#70
Styrene
Concen: 18.896 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion:104 Resp: 272021
Ion Ratio Lower Upper
104 100
78 47.4 38.3 57.5
103 56.9 44.6 67.0





#71

Bromoform

Concen: 19.485 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

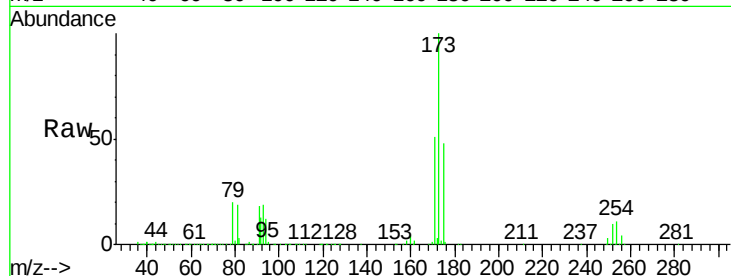
Tot Ion:173 Resp: 71233

Ion Ratio Lower Upper

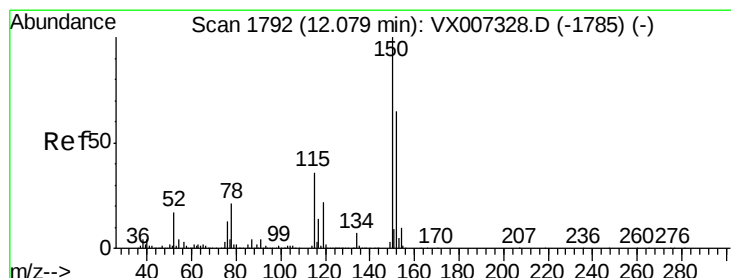
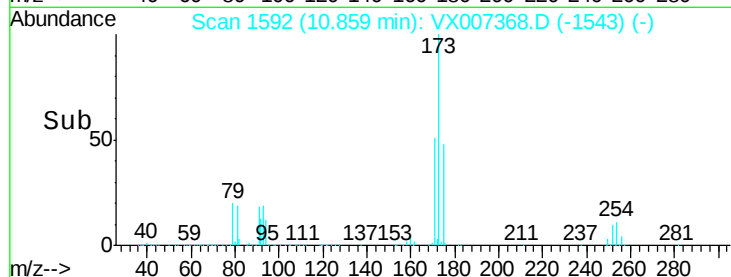
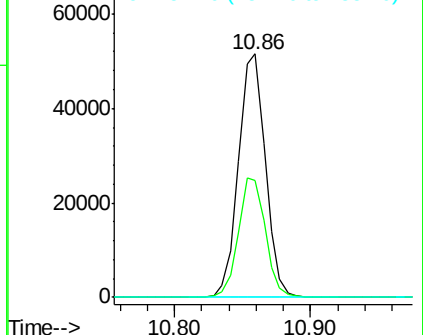
173 100

175 49.2 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: VX007368.D

Acq: 05 Feb 2019 11:25

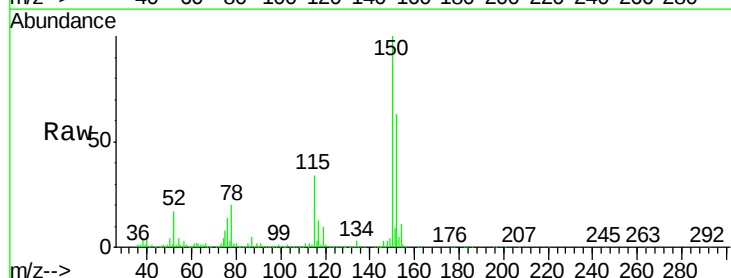
Tgt Ion:152 Resp: 333170

Ion Ratio Lower Upper

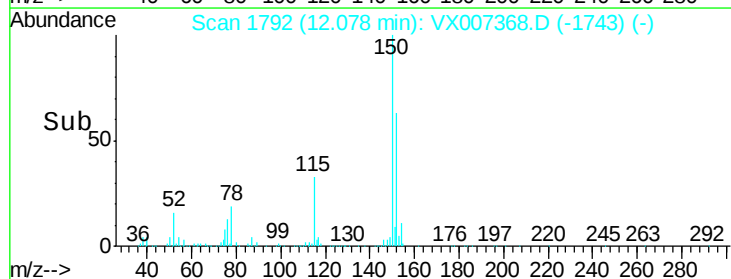
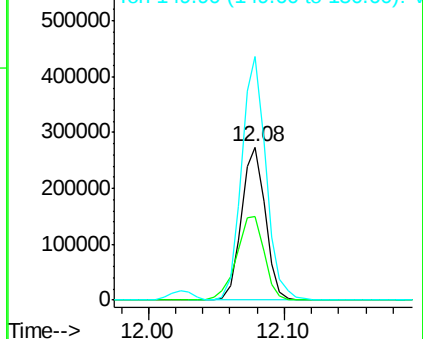
152 100

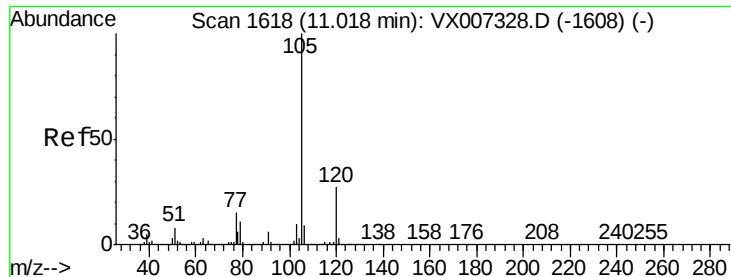
115 63.8 38.0 114.0

150 163.0 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: 20.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

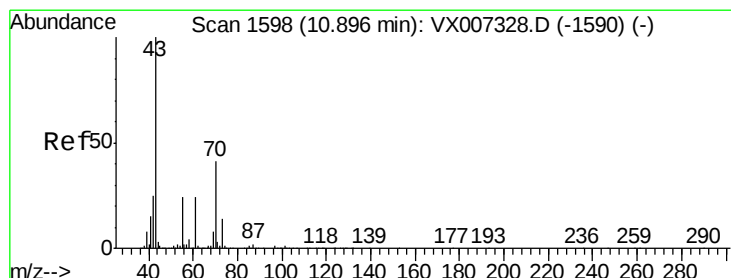
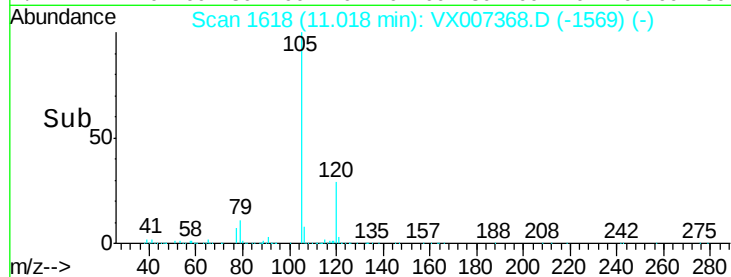
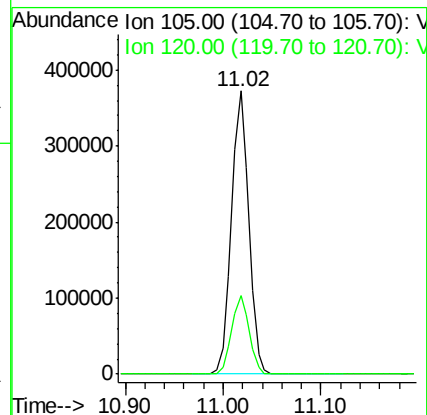
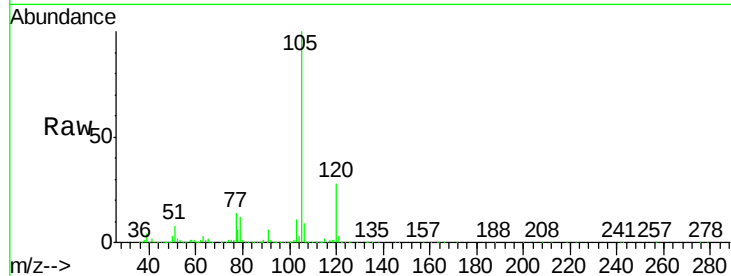
VX0205WBS01

Tot Ion:105 Resp: 457823

Ion Ratio Lower Upper

105 100

120 28.0 13.6 40.7



#74

N-ethyl acetate

Concen: 20.050 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Tgt Ion: 43 Resp: 175577

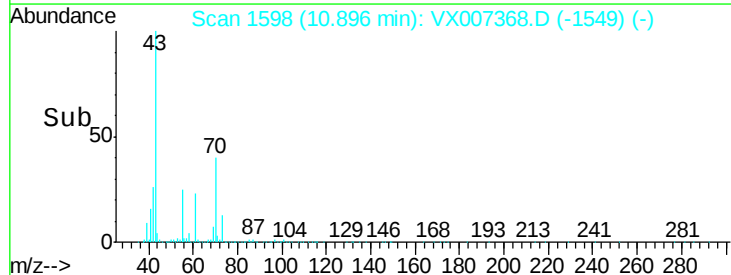
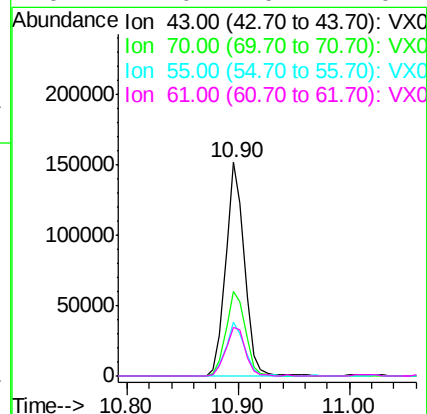
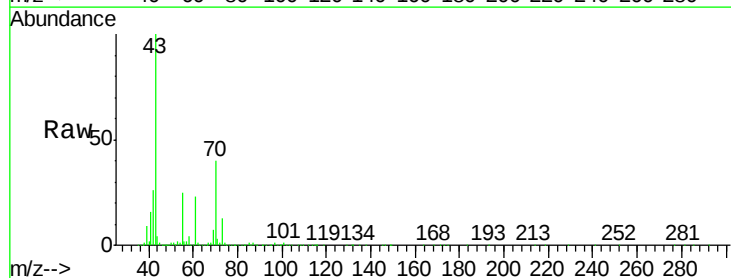
Ion Ratio Lower Upper

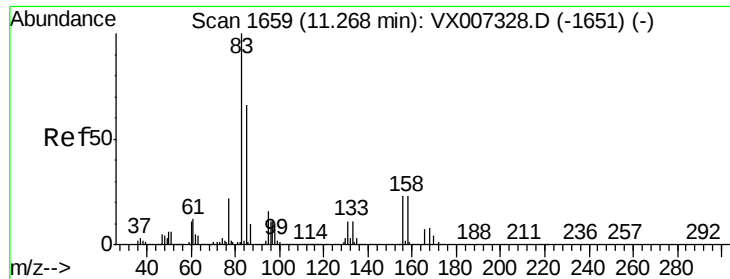
43 100

70 41.0 33.8 50.6

55 25.6 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.773 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

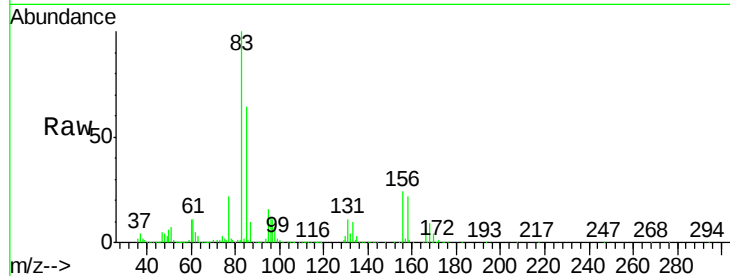
Tot Ion: 83 Resp: 143330

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

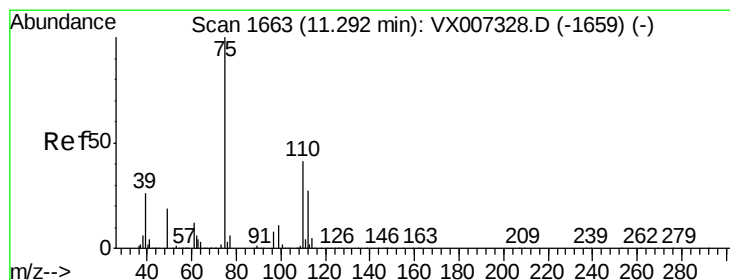
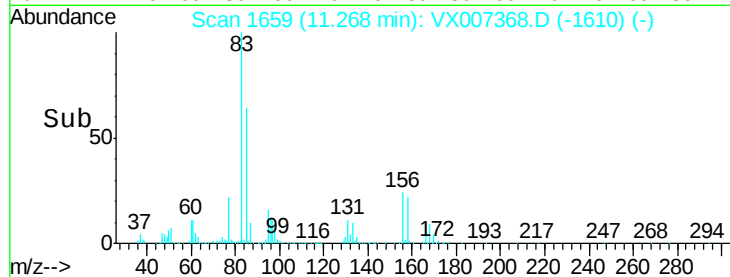
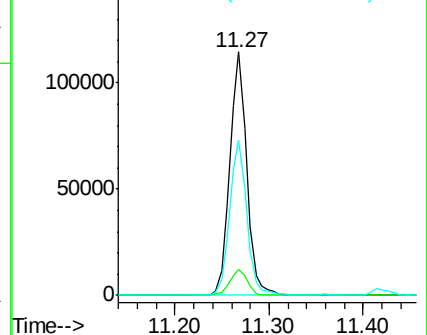
85 64.3 32.8 98.3



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: 24.581 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007368.D

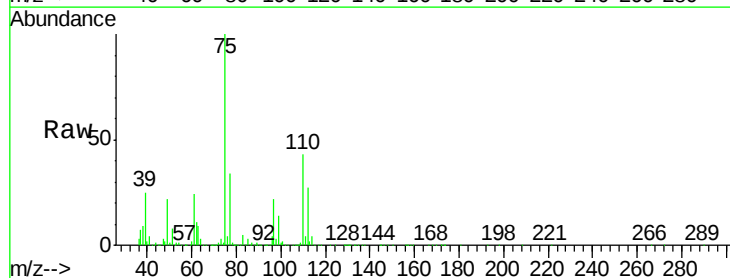
Acq: 05 Feb 2019 11:25

Tgt Ion: 75 Resp: 159299

Ion Ratio Lower Upper

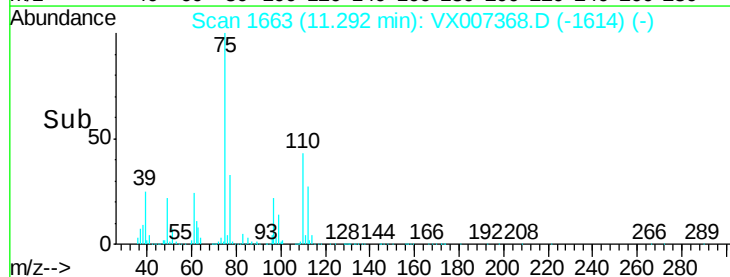
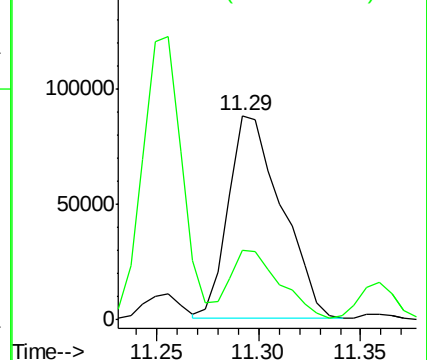
75 100

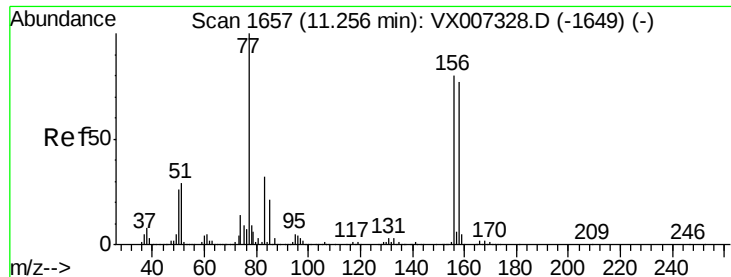
77 33.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.601 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

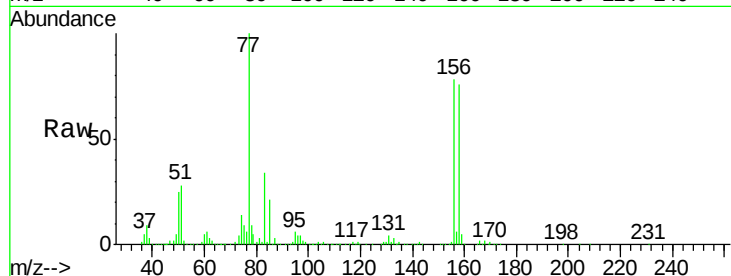
Tot Ion:156 Resp: 125039

Ion Ratio Lower Upper

156 100

77 131.3 66.8 200.6

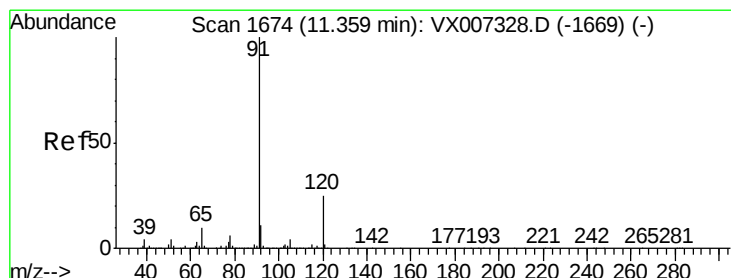
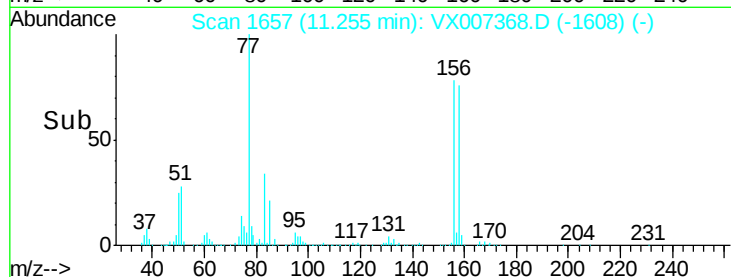
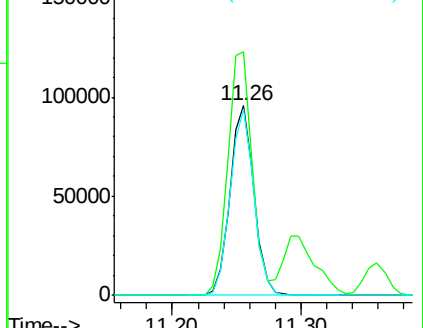
158 97.1 47.9 143.8



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: 20.522 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007368.D

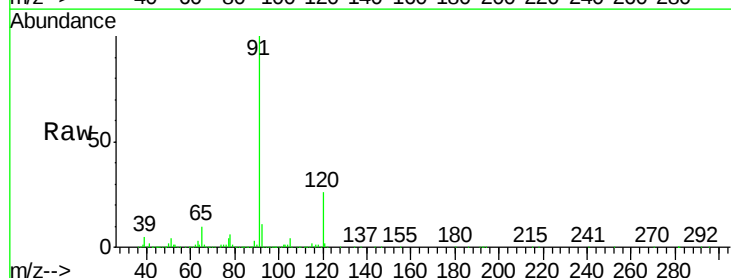
Acq: 05 Feb 2019 11:25

Tgt Ion: 91 Resp: 509506

Ion Ratio Lower Upper

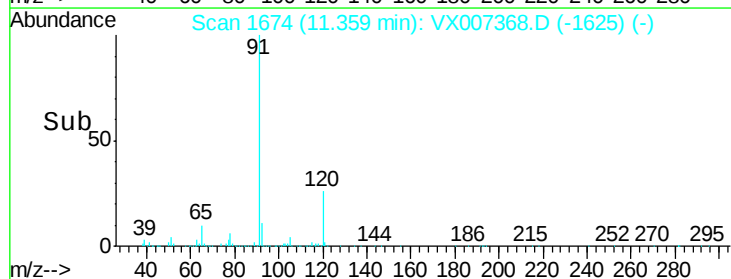
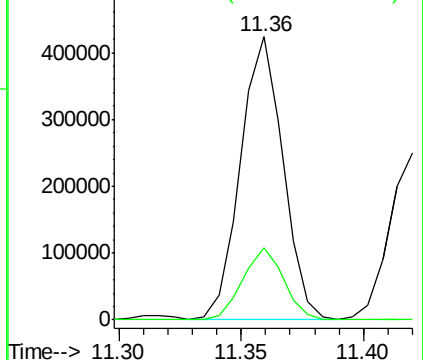
91 100

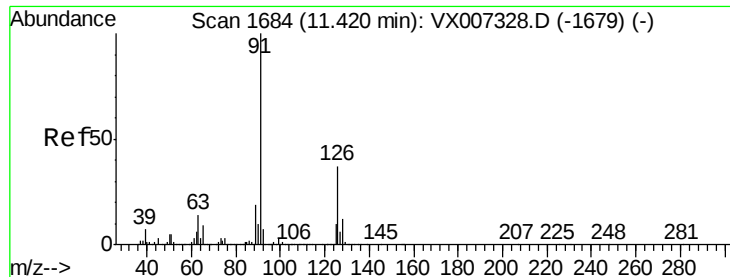
120 25.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.946 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

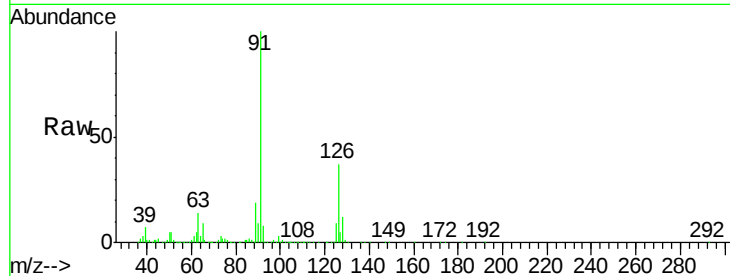
VX0205WBS01

Tot Ion: 91 Resp: 300480

Ion Ratio Lower Upper

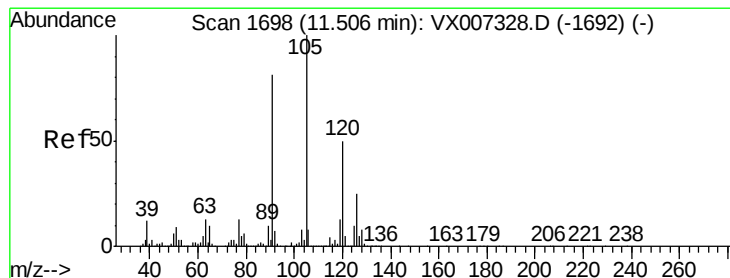
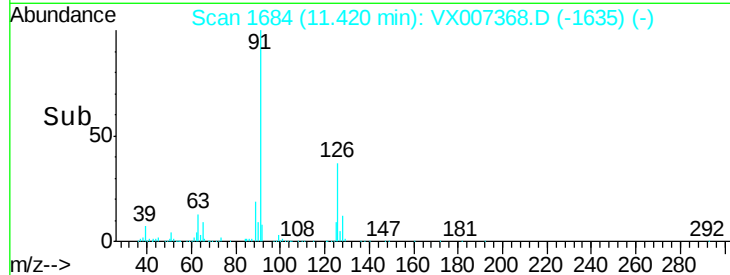
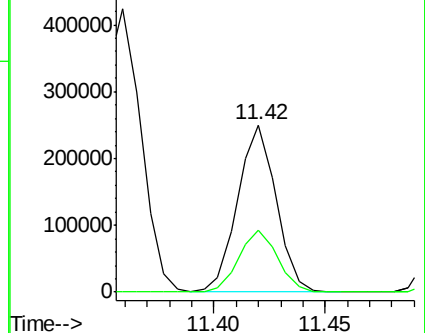
91 100

126 37.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.334 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007368.D

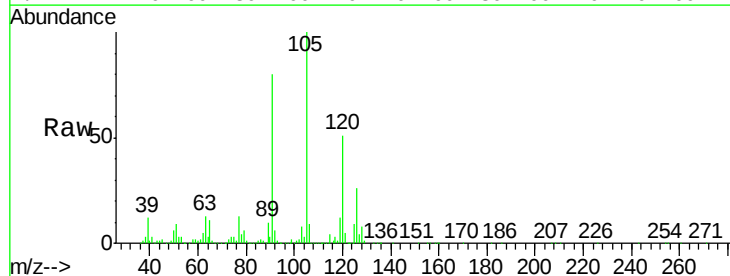
Acq: 05 Feb 2019 11:25

Tgt Ion: 105 Resp: 376638

Ion Ratio Lower Upper

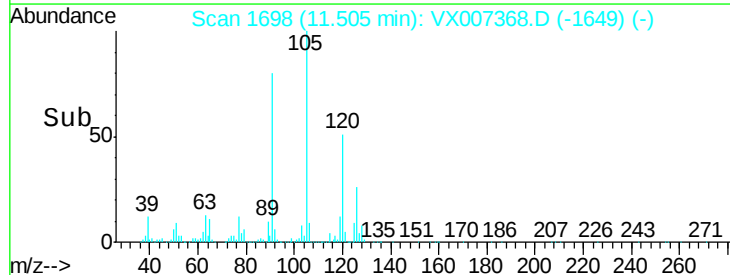
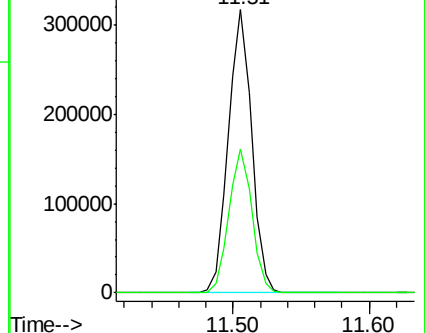
105 100

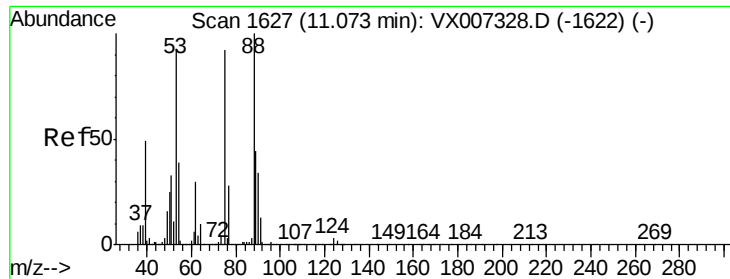
120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

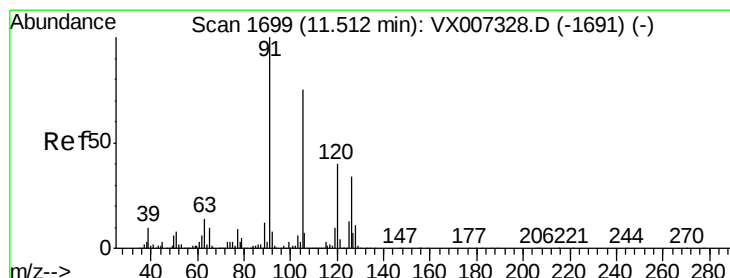
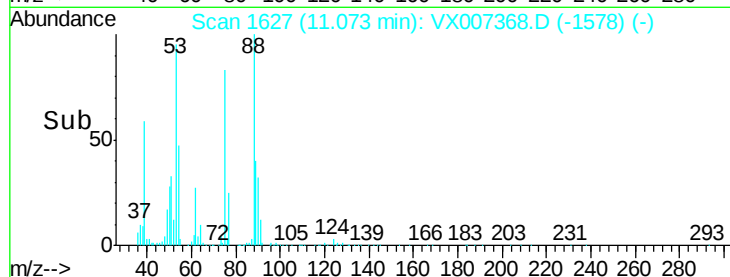
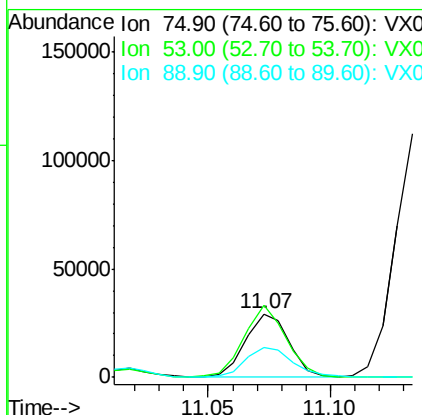
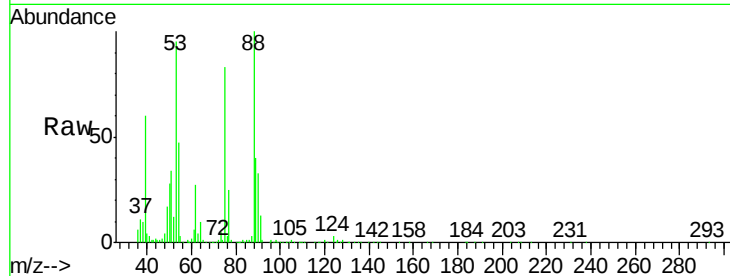




#81
trans-1,4-Dichloro-2-butene
Concen: 20.067 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

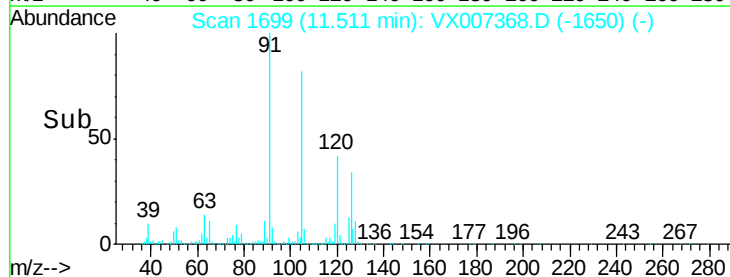
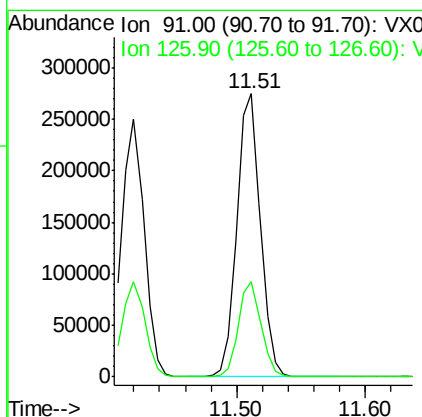
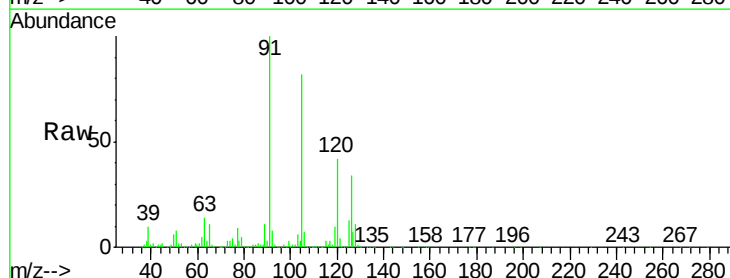
Instrument :
MSVOA_X
ClientSampled :
VX0205WBS01

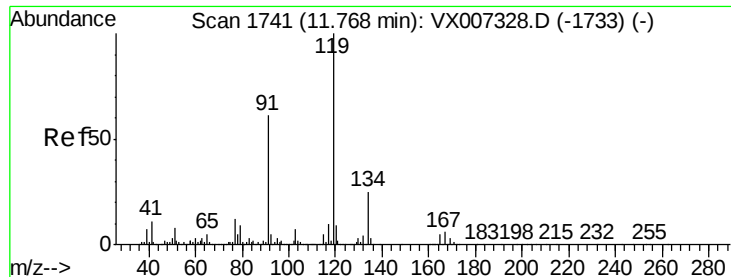
Tot Ion: 75 Resp: 36276
Ion Ratio Lower Upper
75 100
53 110.2 81.0 121.6
89 52.7 41.4 62.0



#82
4-Chlorotoluene
Concen: 19.958 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 91 Resp: 347891
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.928 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

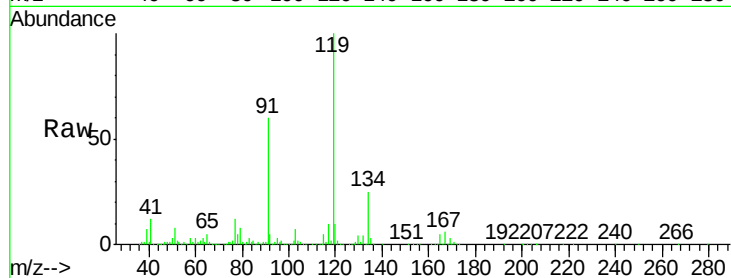
Tot Ion:119 Resp: 365452

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

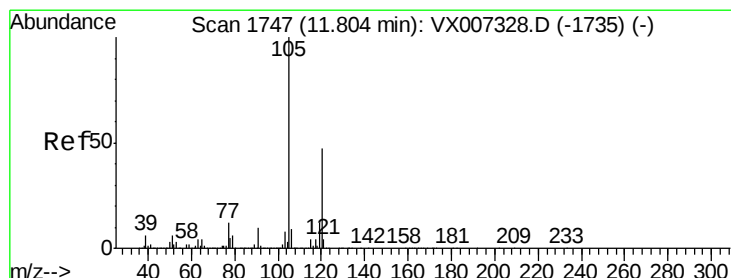
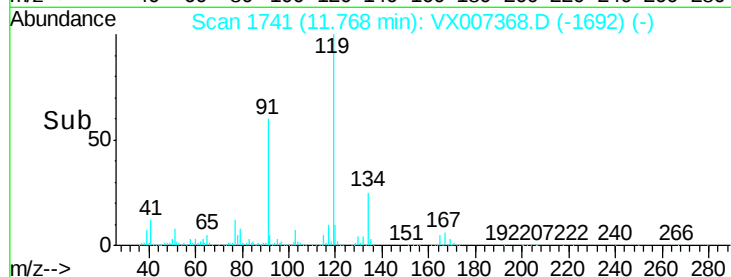
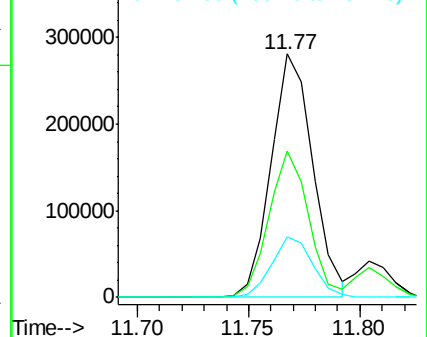
134 24.4 12.0 36.0



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: 20.625 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007368.D

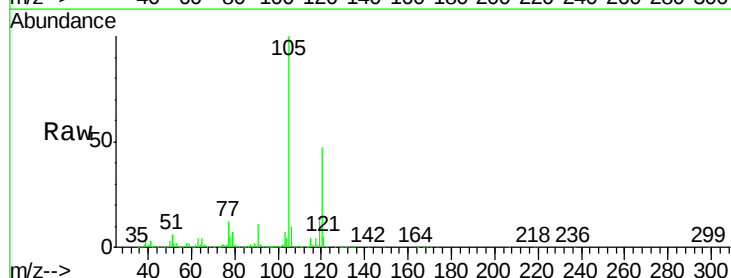
Acq: 05 Feb 2019 11:25

Tgt Ion:105 Resp: 387848

Ion Ratio Lower Upper

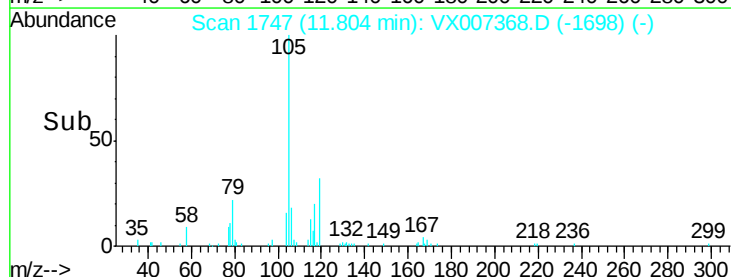
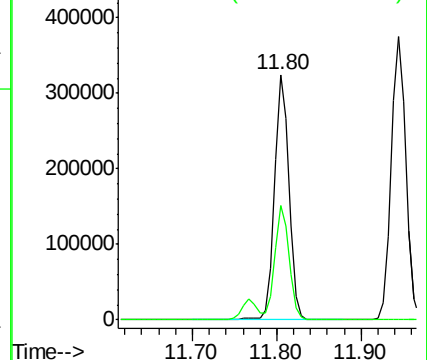
105 100

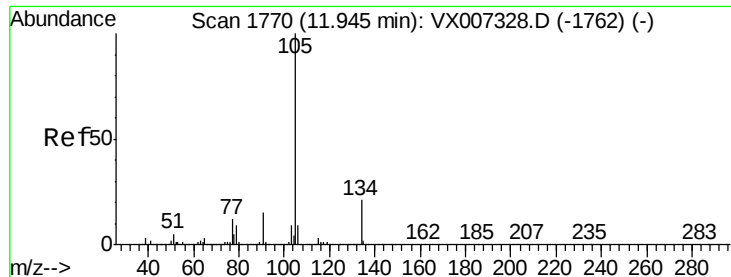
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.489 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

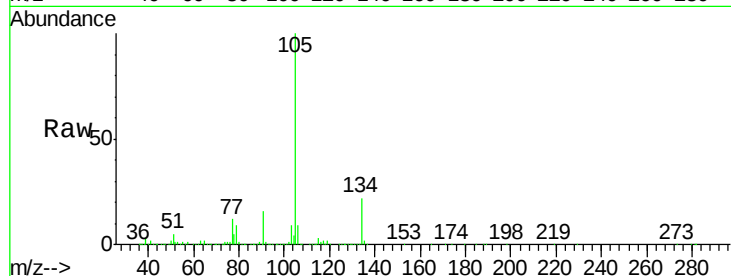
VX0205WBS01

Tot Ion:105 Resp: 454768

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

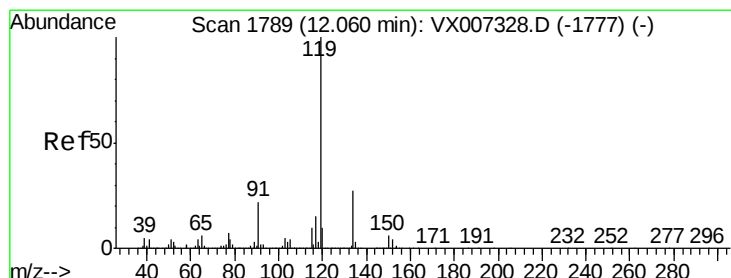
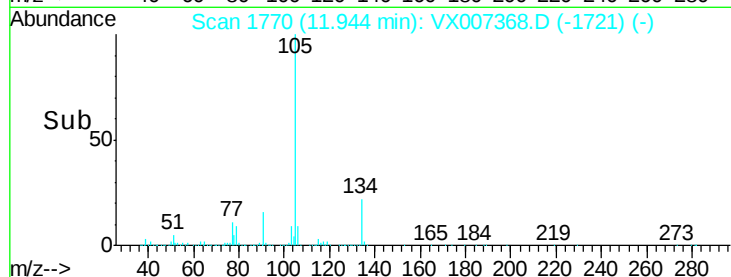
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.097 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

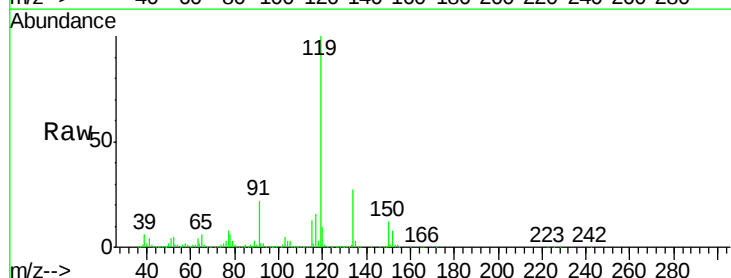
Tgt Ion:119 Resp: 402656

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.3 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): V

12.06

400000

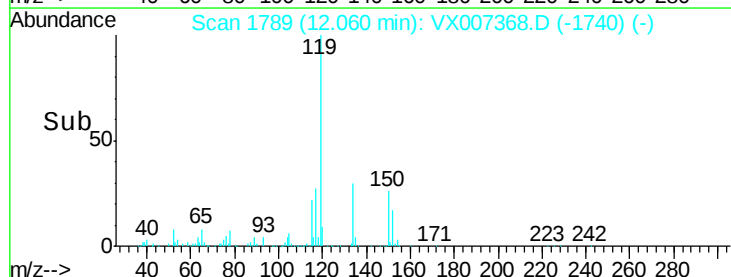
300000

200000

100000

0

Time-->

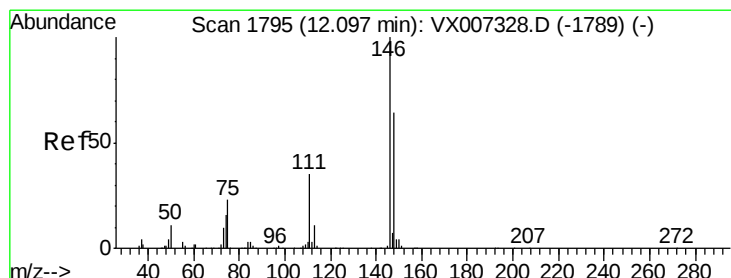
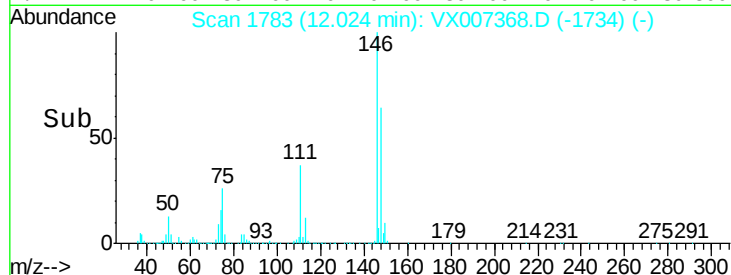
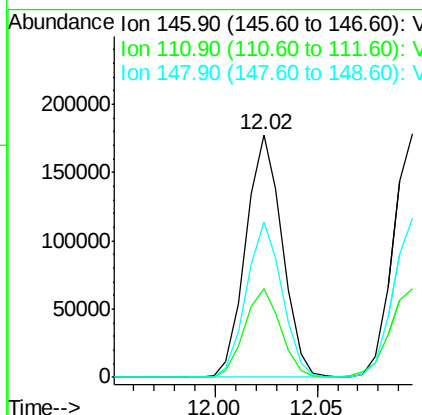
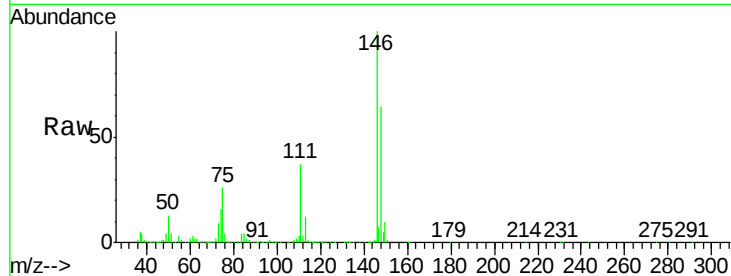




#87
 1,3-Dichlorobenzene
 Concen: 19.272 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

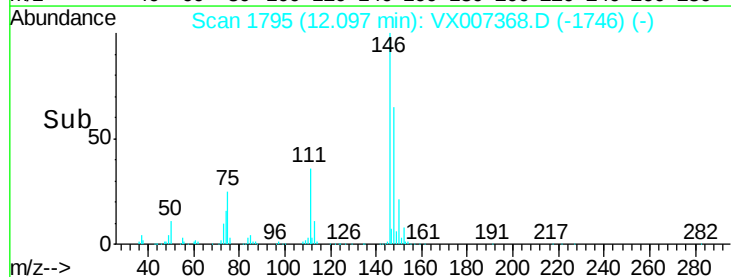
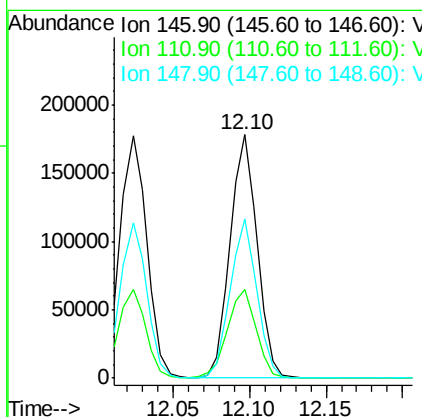
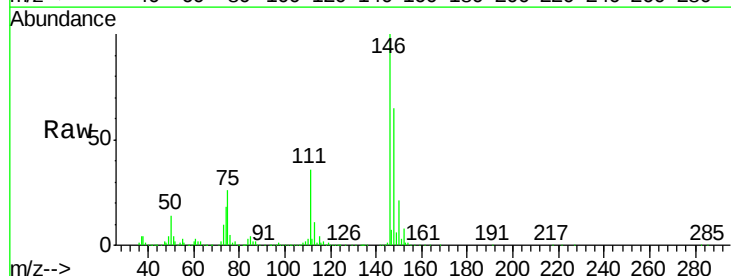
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

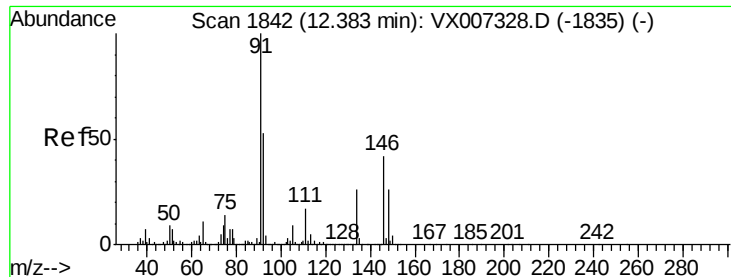
Tot Ion:146 Resp: 220638
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.786 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion:146 Resp: 218201
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.1 54.1
 148 64.9 32.3 96.9

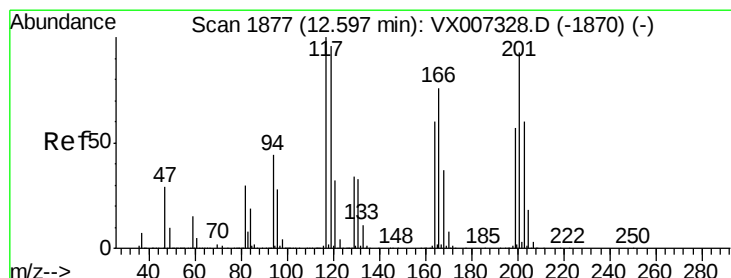
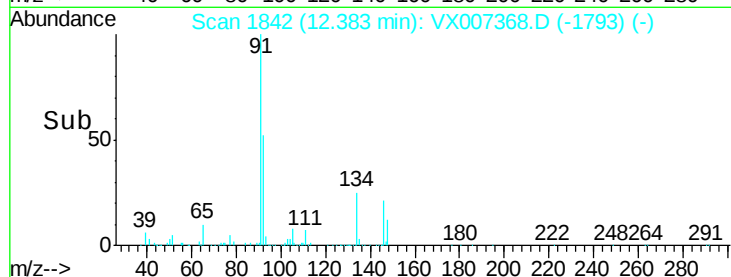
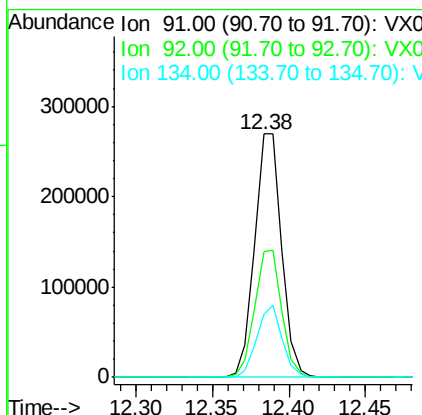
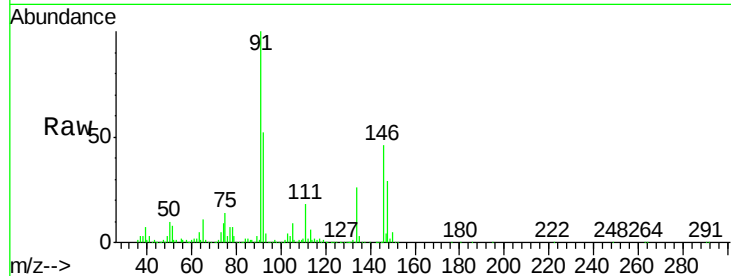




#89
n-Butylbenzene
Concen: 19.242 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

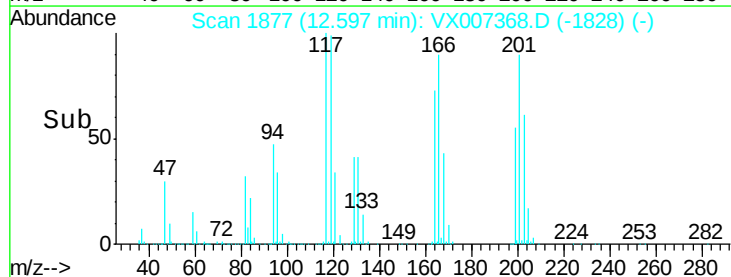
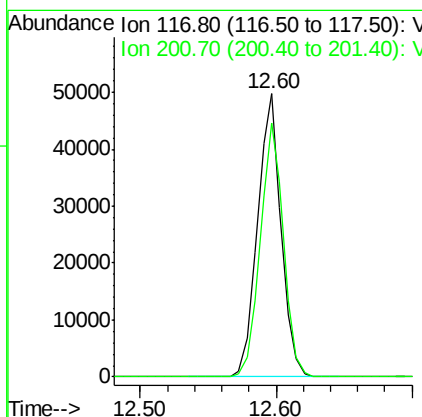
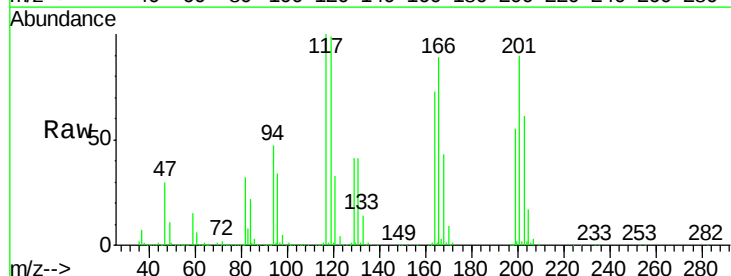
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

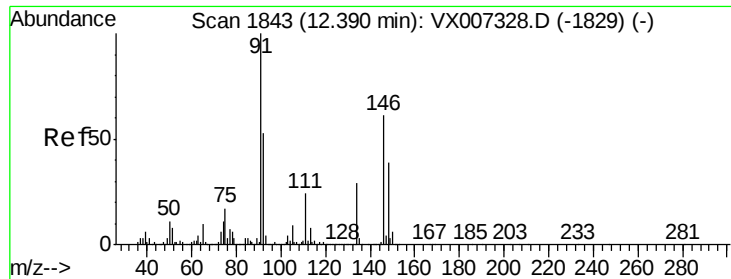
Tot Ion: 91 Resp: 331652
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 20.200 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007368.D
Acq: 05 Feb 2019 11:25

Tgt Ion: 117 Resp: 60572
Ion Ratio Lower Upper
117 100
201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.292 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0205WBS01

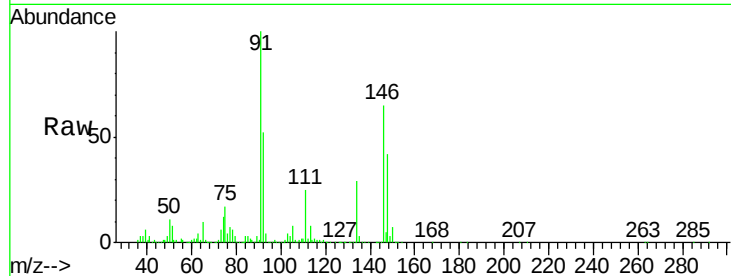
Tot Ion:146 Resp: 219804

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.3

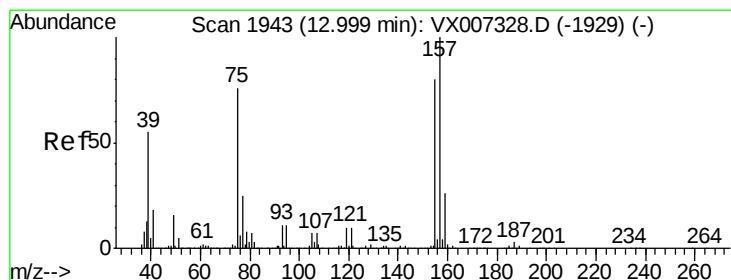
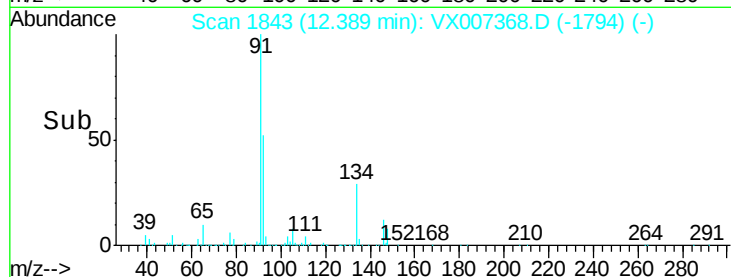
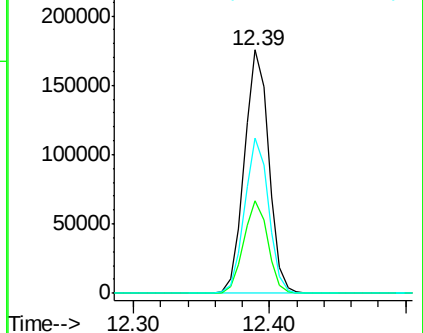
148 62.9 32.1 96.3



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: 20.201 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

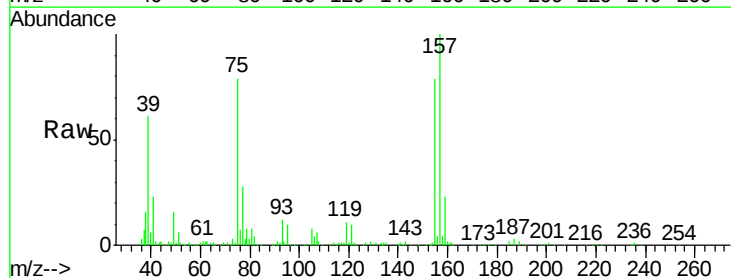
Tgt Ion: 75 Resp: 28982

Ion Ratio Lower Upper

75 100

155 101.8 49.6 149.0

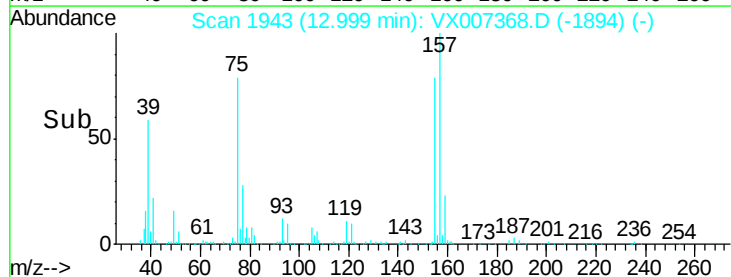
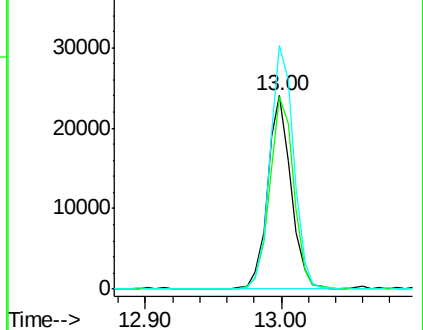
157 127.5 65.1 195.3

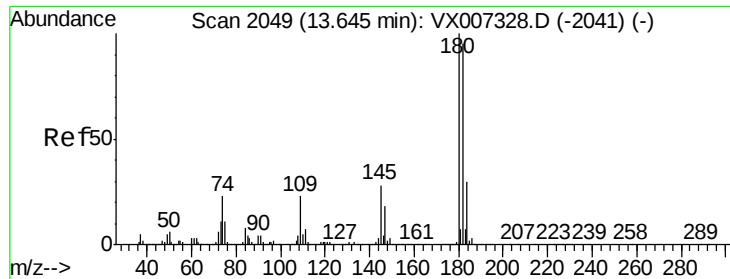


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

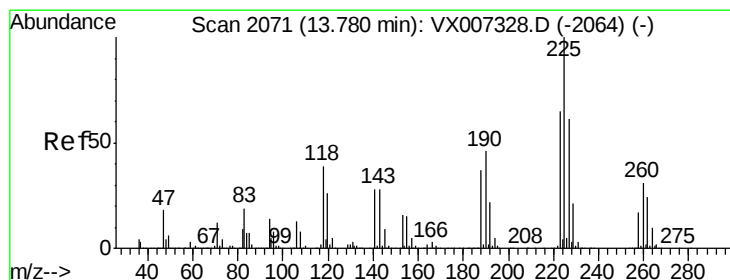
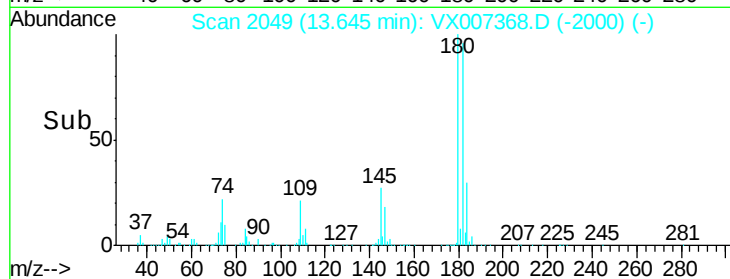
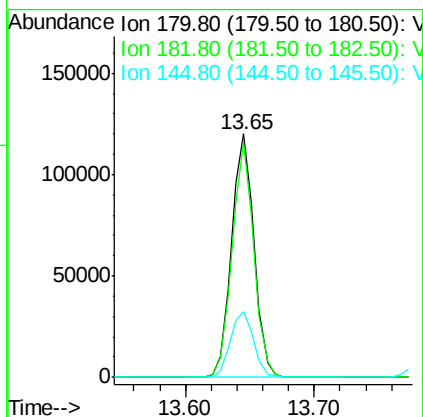
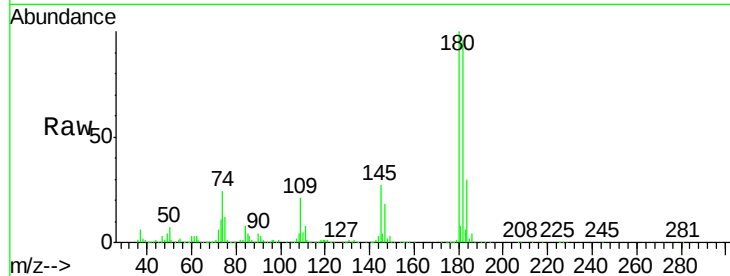




#93
 1,2,4-Trichlorobenzene
 Concen: 19.041 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

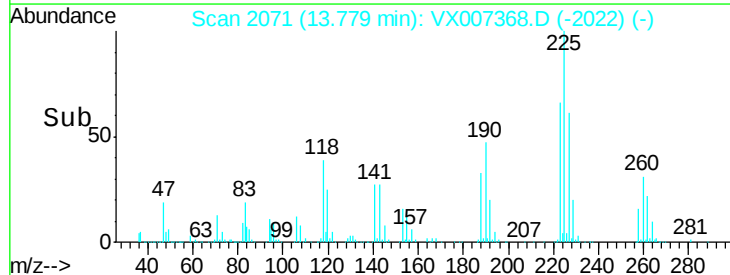
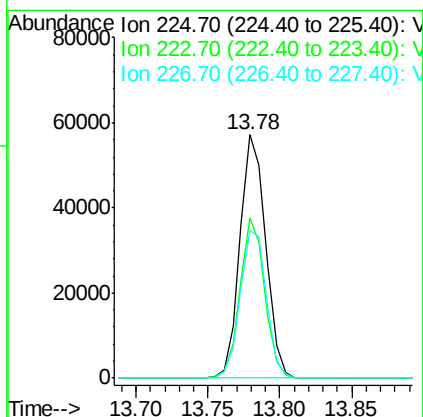
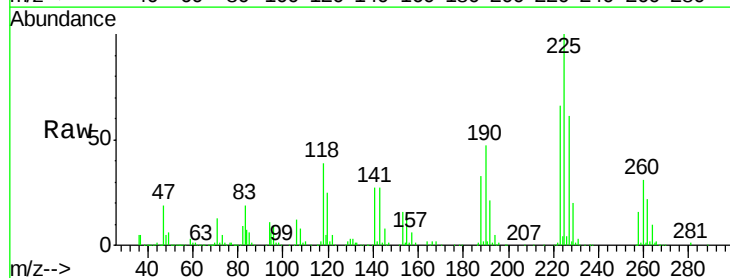
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

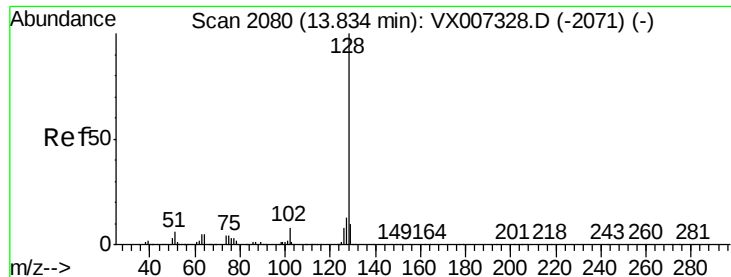
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.3
145	28.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.973 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007368.D
 Acq: 05 Feb 2019 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	62.0	32.1	96.3





#95

Naphthalene

Concen: 20.126 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

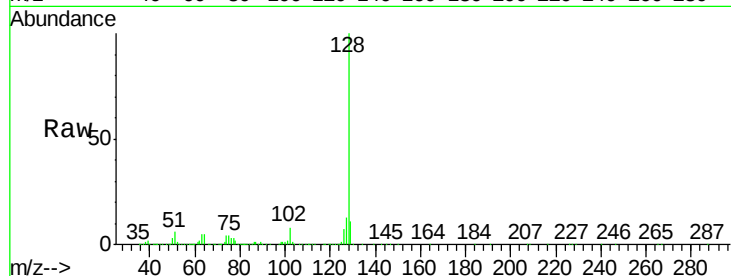
Tot Ion:128 Resp: 452214

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

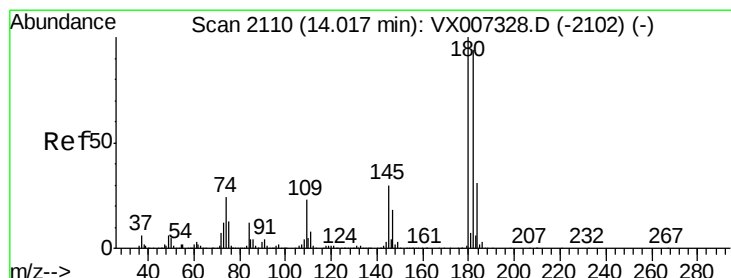
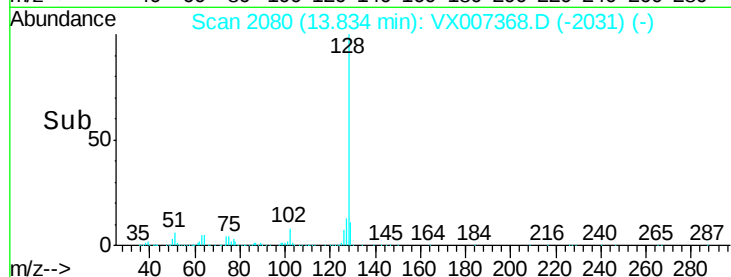
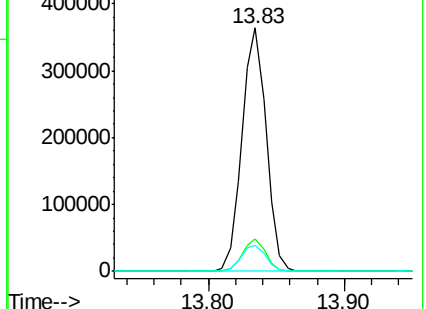
129 10.9 8.7 13.1



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: 19.131 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007368.D

Acq: 05 Feb 2019 11:25

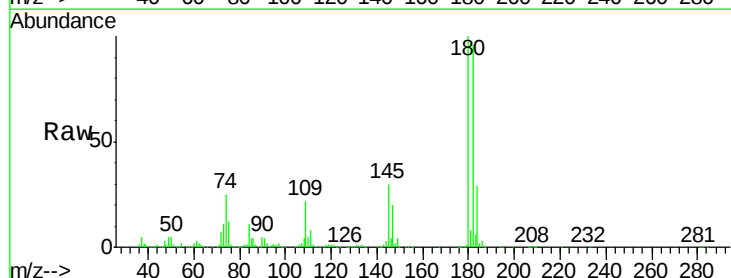
Tgt Ion:180 Resp: 147965

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

145 29.9 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

