

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007417.D
 Acq On : 07 Feb 2019 11:36
 Operator : JC/SP
 Sample : VX0207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

Quant Time: Feb 08 22:06:11 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	5.67	168	482976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	709034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	655871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331229	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	249931	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	5.50	113	225111	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	836039	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	296173	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119584	20.255	ug/l	96
3) Chloromethane	1.33	50	107600	19.779	ug/l	100
4) Vinyl Chloride	1.41	62	108676	20.363	ug/l	100
5) Bromomethane	1.64	94	110032	20.563	ug/l	96
6) Chloroethane	1.73	64	68840	19.940	ug/l	99
7) Trichlorofluoromethane	1.93	101	168658	20.202	ug/l	99
8) Diethyl Ether	2.19	74	63297	20.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98324	19.799	ug/l	98
10) Methyl Iodide	2.51	142	134573	18.421	ug/l	99
11) Tert butyl alcohol	3.07	59	123135	116.065	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89966	19.509	ug/l	96
13) Acrolein	2.30	56	55527	111.614	ug/l	97
14) Allyl chloride	2.73	41	152641	20.315	ug/l	99
15) Acrylonitrile	3.15	53	278241	106.018	ug/l	99
16) Acetone	2.45	43	259455	110.488	ug/l	99
17) Carbon Disulfide	2.57	76	212265	18.977	ug/l	99
18) Methyl Acetate	2.78	43	144747	23.970	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	303812	20.336	ug/l	100
20) Methylene Chloride	2.86	84	102300	21.101	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95152	19.370	ug/l	97
22) Diisopropyl ether	3.87	45	281781	20.388	ug/l	97
23) Vinyl Acetate	3.82	43	1172295	102.214	ug/l	100
24) 1,1-Dichloroethane	3.70	63	160480	20.219	ug/l	99
25) 2-Butanone	4.70	43	361577	108.196	ug/l	98
26) 2,2-Dichloropropane	4.59	77	120710	19.970	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	102882	19.175	ug/l	99
28) Bromochloromethane	5.02	49	72179	19.775	ug/l	98
29) Tetrahydrofuran	5.15	42	231426	110.108	ug/l	99
30) Chloroform	5.21	83	167295	20.199	ug/l	98
31) Cyclohexane	5.57	56	136085	19.090	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	141907	20.298	ug/l	100
36) 1,1-Dichloropropene	5.80	75	120544	18.948	ug/l	100
37) Ethyl Acetate	4.85	43	131104	20.387	ug/l	98
38) Carbon Tetrachloride	5.78	117	124009	20.093	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148233	19.258	ug/l	100
40) Benzene	6.14	78	375126	20.018	ug/l	98
41) Methacrylonitrile	5.06	41	72700	21.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	129612	19.990	ug/l	99
43) Isopropyl Acetate	6.46	43	207274	20.881	ug/l	100
44) Trichloroethene	7.21	130	106734	18.911	ug/l	95
45) 1,2-Dichloropropane	7.51	63	93998	20.020	ug/l	100
46) Dibromomethane	7.66	93	65633	19.233	ug/l	99
47) Bromodichloromethane	7.90	83	112408	19.436	ug/l	98
48) Methyl methacrylate	7.77	41	106980	21.547	ug/l	99
49) 1,4-Dioxane	7.75	88	52415	467.886	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	701249	107.315	ug/l	100
52) Toluene	8.79	92	241571	19.980	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	122294	19.686	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	139598	20.434	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102384	20.315	ug/l	98
56) Ethyl methacrylate	9.18	69	143673	20.582	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160051	19.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	382227	103.888	ug/l	99
59) 2-Hexanone	9.49	43	543234	106.832	ug/l	100
60) Dibromochloromethane	9.58	129	95670	20.071	ug/l	97
61) 1,2-Dibromoethane	9.67	107	110665	20.734	ug/l	100
64) Tetrachloroethene	9.34	164	113250	18.320	ug/l	98
65) Chlorobenzene	10.14	112	276463	19.316	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	97486	20.316	ug/l	99
67) Ethyl Benzene	10.25	91	454624	19.725	ug/l	100
68) m/p-Xylenes	10.36	106	356732	38.936	ug/l	99
69) o-Xylene	10.70	106	174283	19.769	ug/l	99
70) Styrene	10.71	104	280734	19.635	ug/l	99
71) Bromoform	10.86	173	70072	19.337	ug/l #	99
73) Isopropylbenzene	11.02	105	470734	20.913	ug/l	100
74) N-amyl acetate	10.90	43	179026	20.563	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	148920	21.709	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164136	25.476	ug/l	82
77) Bromobenzene	11.26	156	127522	20.108	ug/l	99
78) n-propylbenzene	11.36	91	513314	20.797	ug/l	100
79) 2-Chlorotoluene	11.42	91	304736	20.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	377979	20.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38399	21.092	ug/l	95
82) 4-Chlorotoluene	11.51	91	348433	20.106	ug/l	99
83) tert-Butylbenzene	11.77	119	371800	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	393045	21.024	ug/l	99
85) sec-Butylbenzene	11.94	105	454866	20.614	ug/l	100
86) p-Isopropyltoluene	12.06	119	403451	20.254	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222096	19.513	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	225428	19.522	ug/l	98
89) n-Butylbenzene	12.39	91	333121	19.441	ug/l	99
90) Hexachloroethane	12.60	117	58952	19.775	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	222870	19.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29518	20.695	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

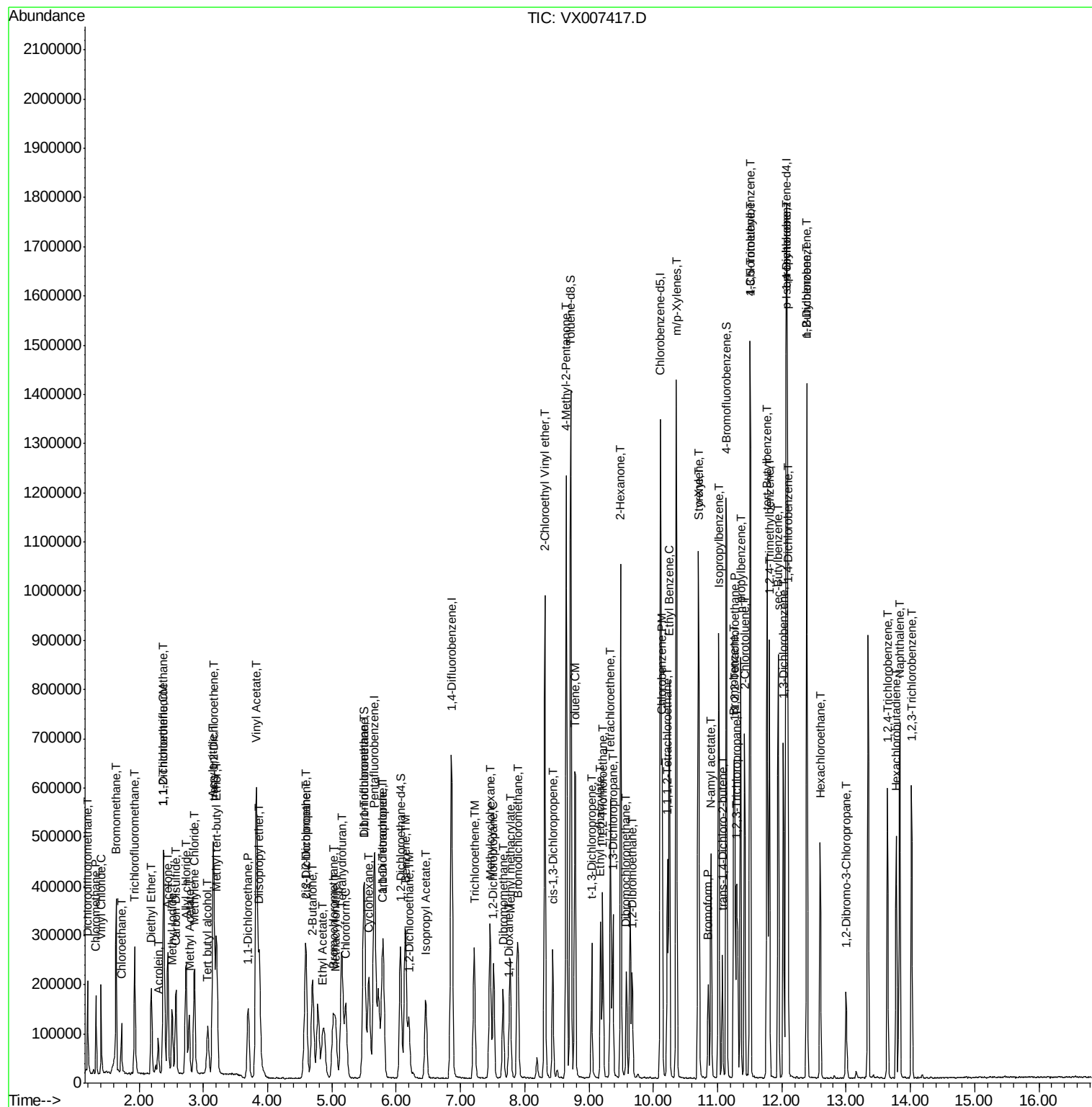
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148858	19.487	ug/l	99
94) Hexachlorobutadiene	13.78	225	71472	19.269	ug/l	98
95) Naphthalene	13.83	128	456406	20.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149116	19.393	ug/l	100

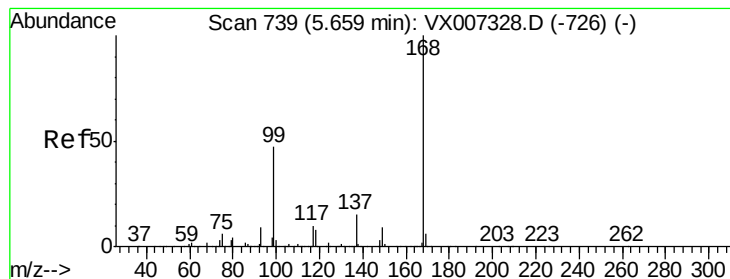
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

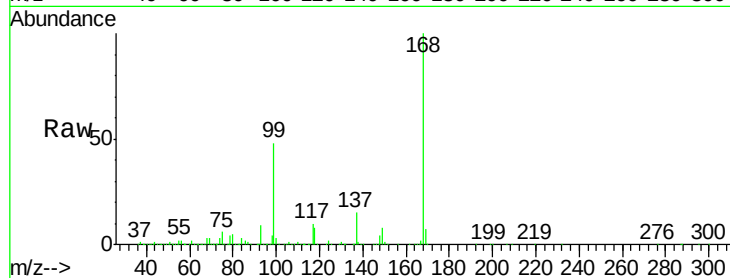
VX0207WBS01

Tot Ion:168 Resp: 482976

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

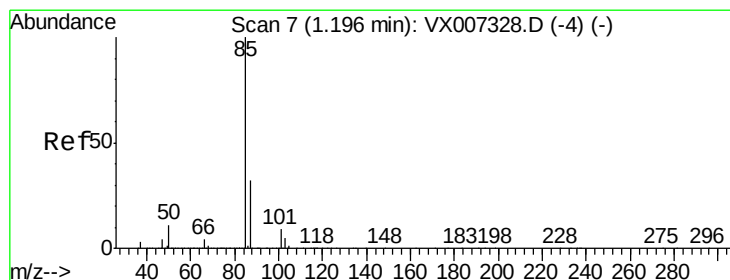
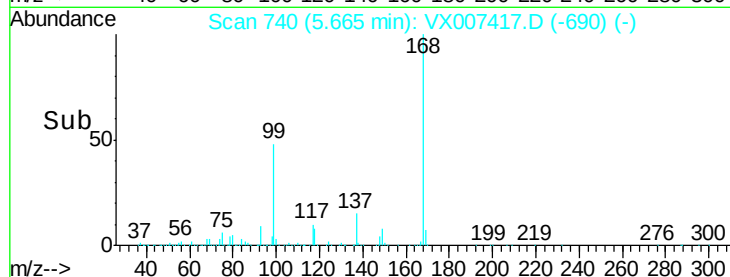
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.255 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007417.D

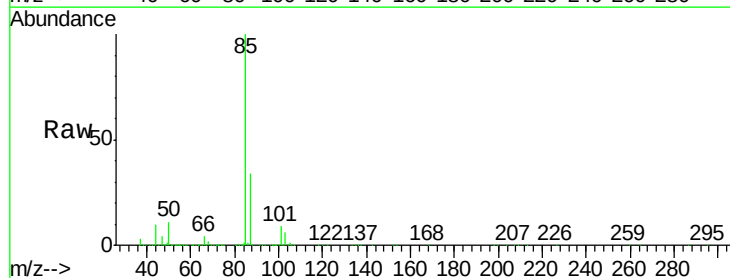
Acq: 07 Feb 2019 11:36

Tgt Ion: 85 Resp: 119584

Ion Ratio Lower Upper

85 100

87 33.8 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

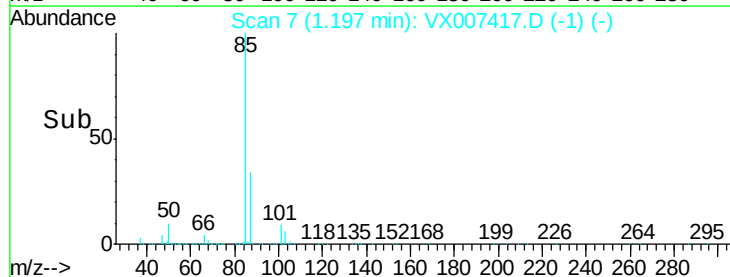
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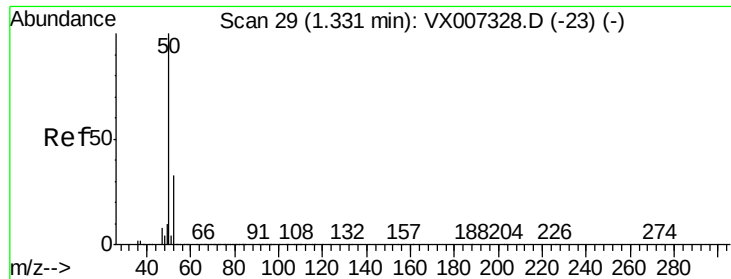
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Time-->

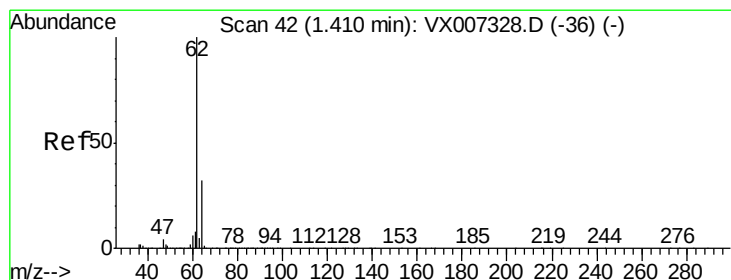
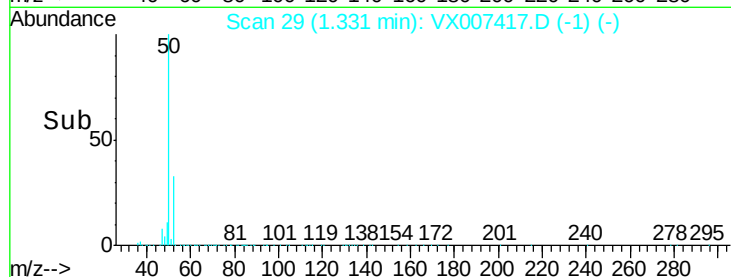
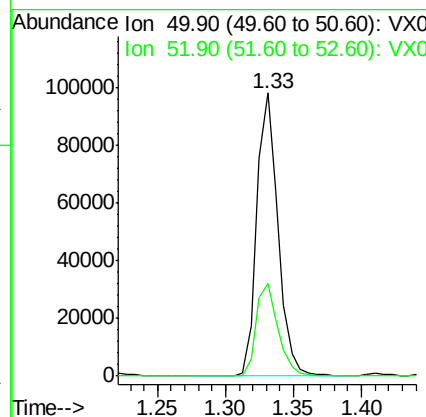
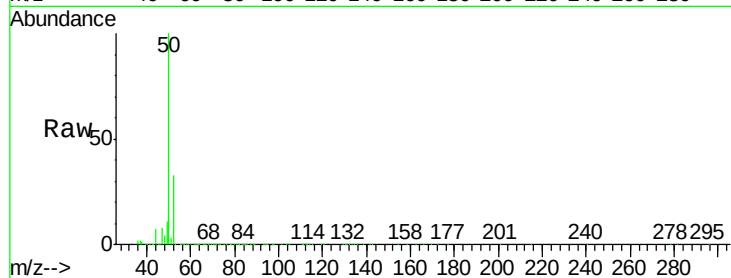




#3
Chloromethane
Concen: 19.779 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

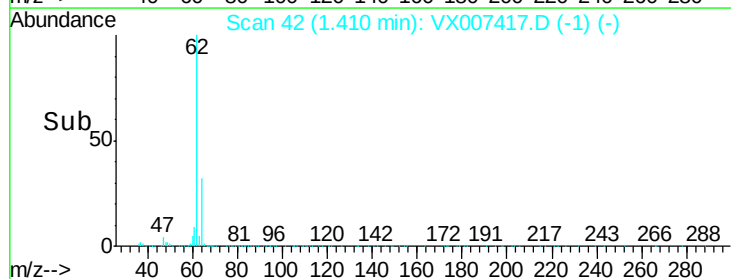
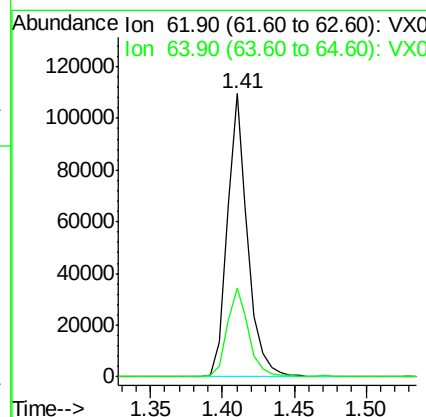
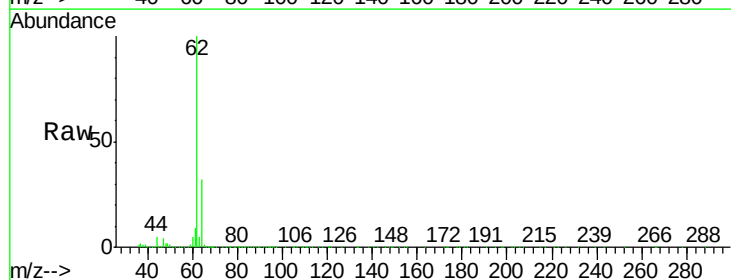
Instrument :
MSVOA_X
ClientSampled :
VX0207WBS01

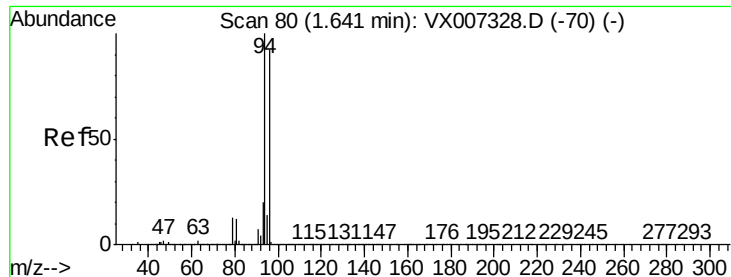
Tot Ion: 50 Resp: 107600
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 20.363 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 62 Resp: 108676
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5

Bromomethane

Concen: 20.563 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

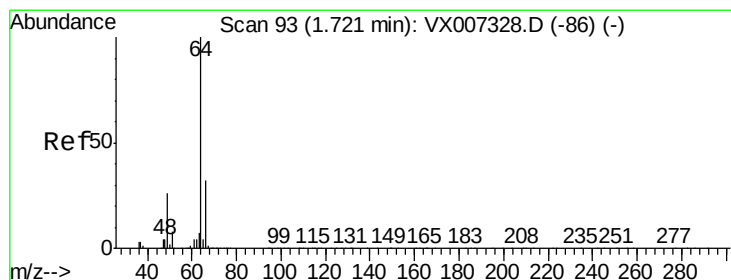
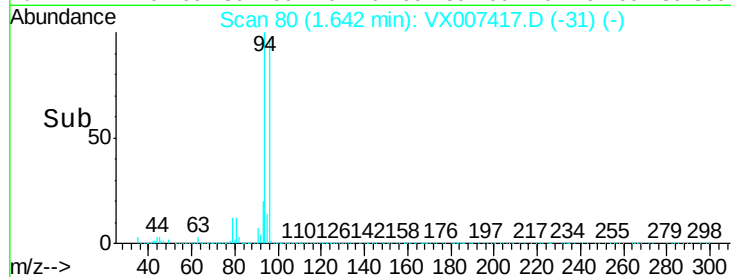
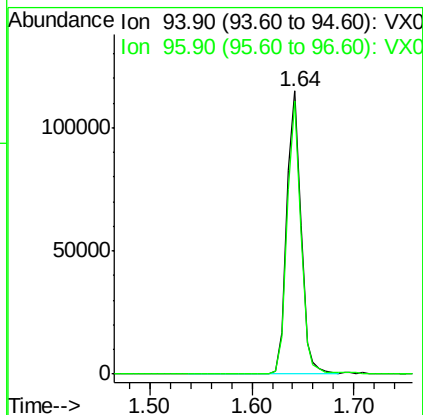
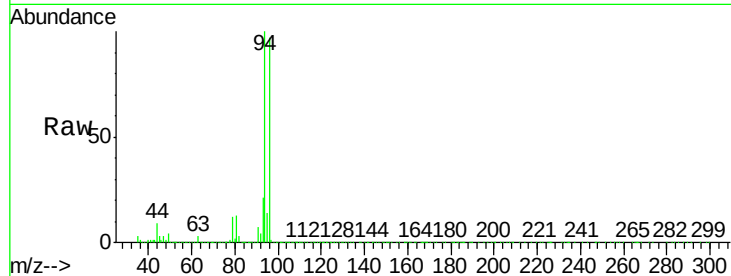
VX0207WBS01

Tot Ion: 94 Resp: 110032

Ion Ratio Lower Upper

94 100

96 96.5 73.9 110.9



#6

Chloroethane

Concen: 19.940 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007417.D

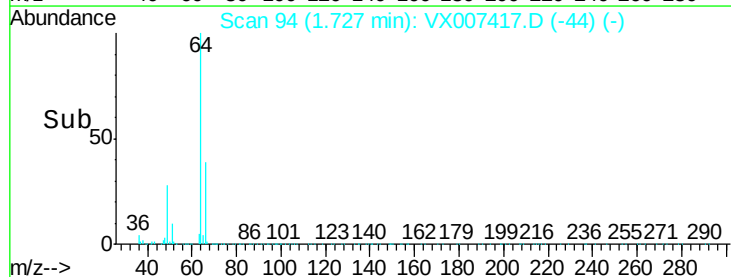
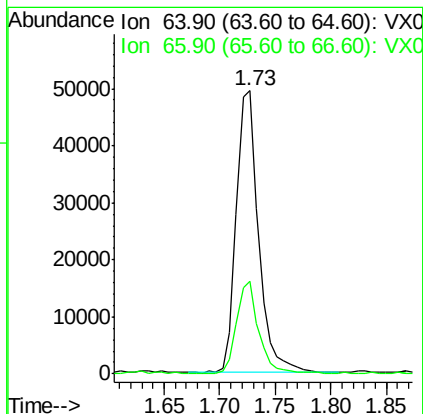
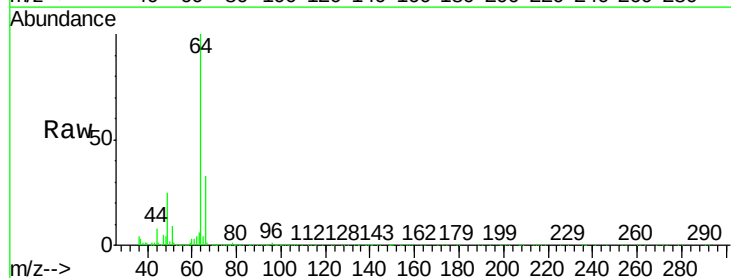
Acq: 07 Feb 2019 11:36

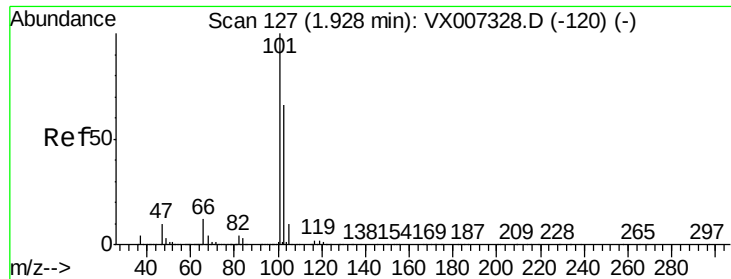
Tgt Ion: 64 Resp: 68840

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



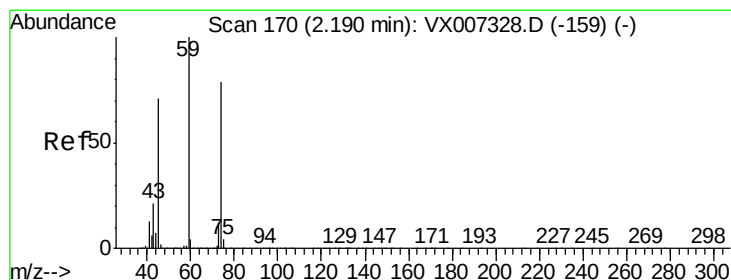
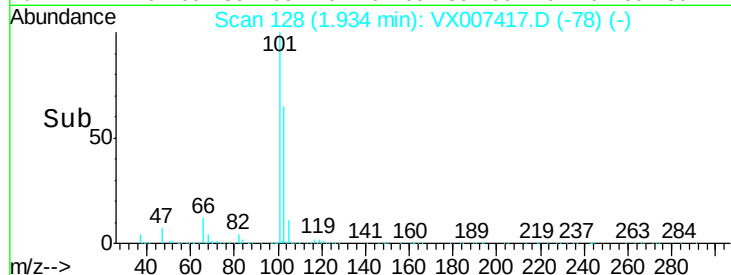
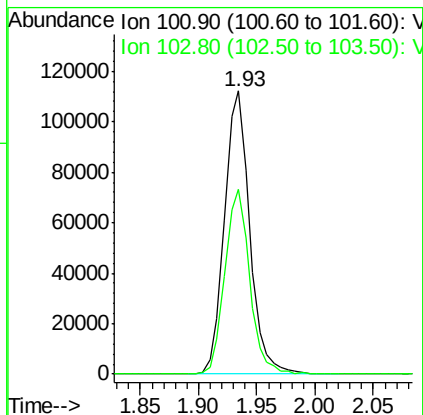
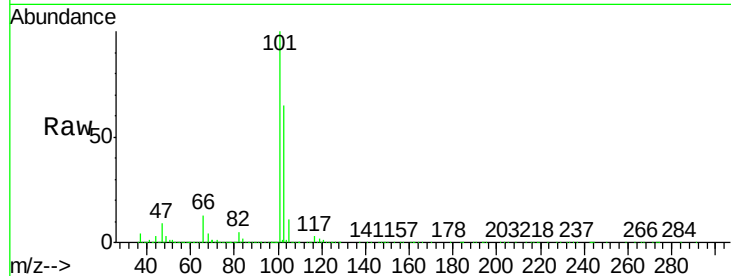


#7

Trichlorofluoromethane
Concen: 20.202 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

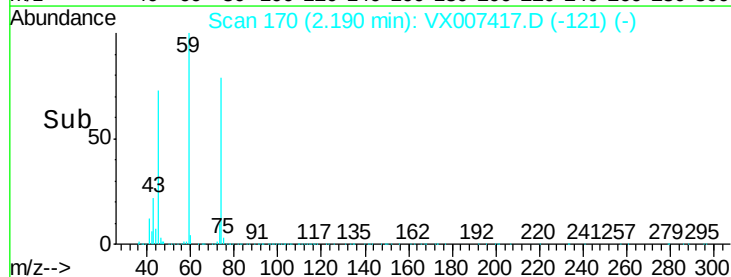
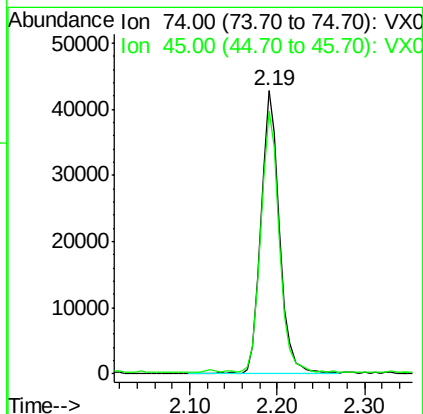
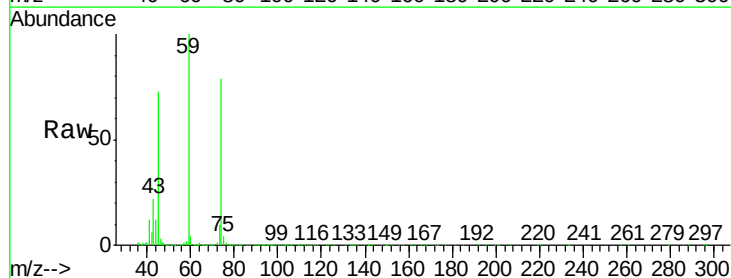
Tot Ion:101 Resp: 168658
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

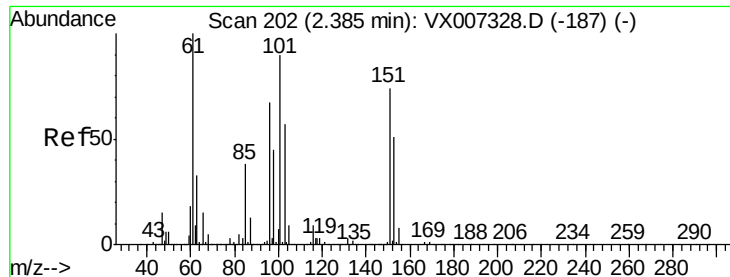


#8

Diethyl Ether
Concen: 20.143 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 74 Resp: 63297
Ion Ratio Lower Upper
74 100
45 90.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.799 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

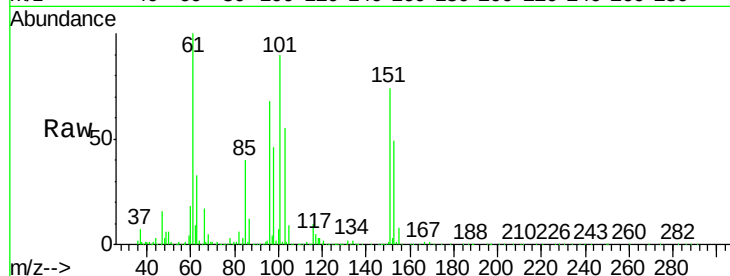
Tot Ion:101 Resp: 98324

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

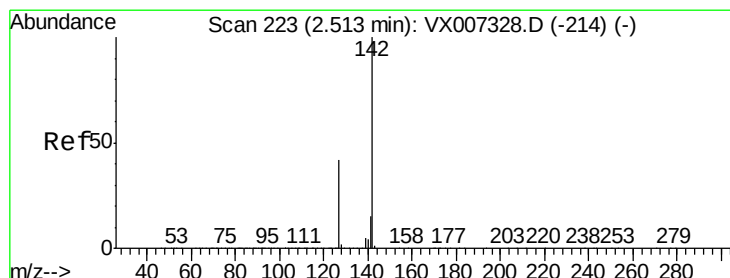
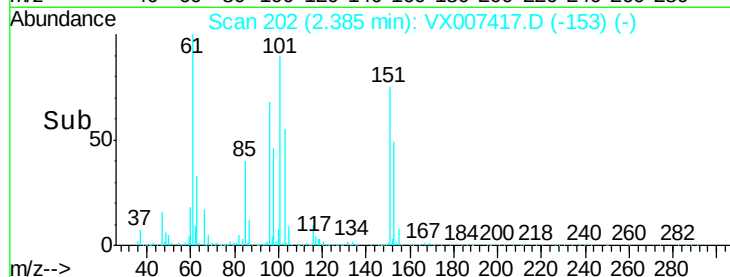
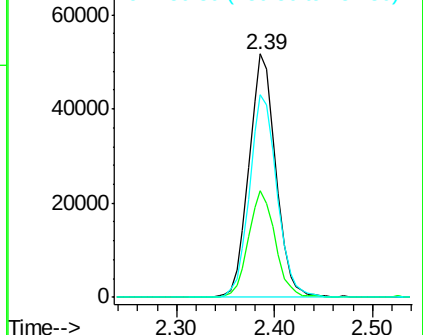
151 85.5 69.9 104.9



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: 18.421 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

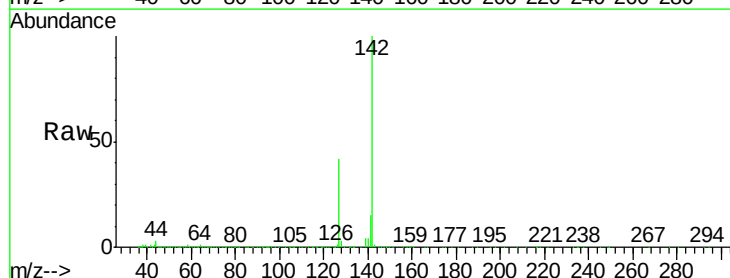
Tgt Ion:142 Resp: 134573

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

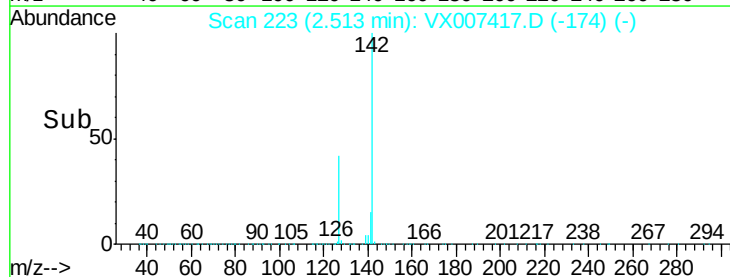
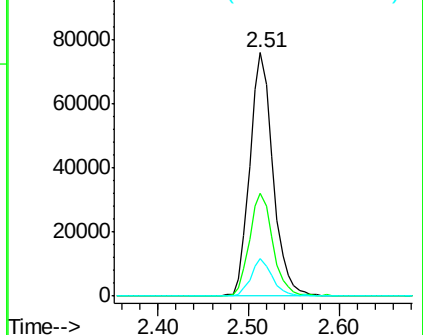
141 14.4 11.3 16.9

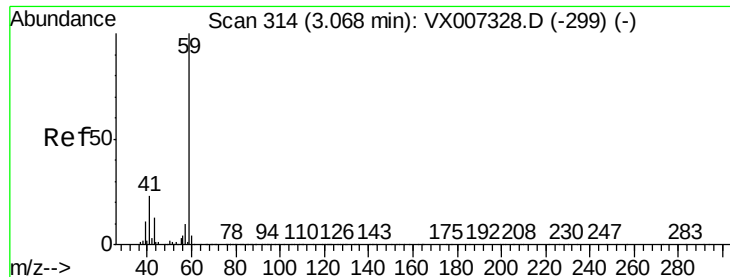


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



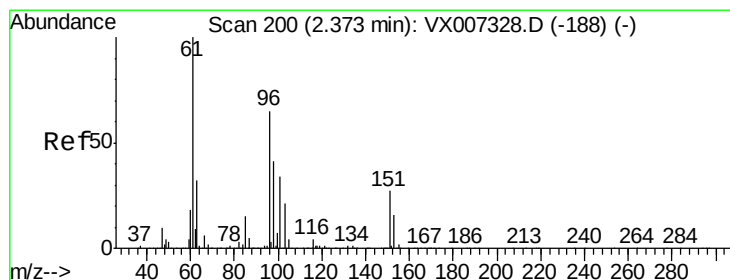
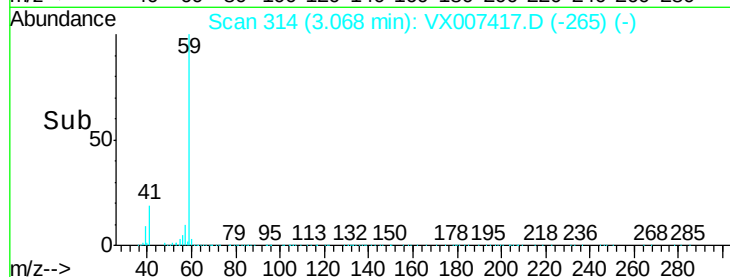
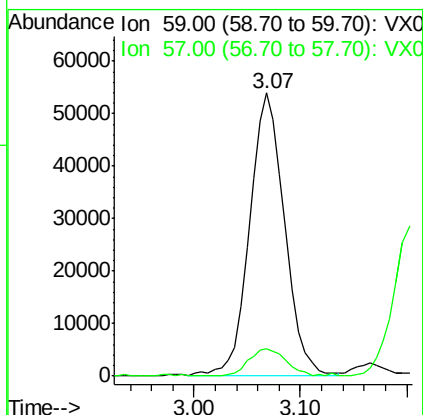
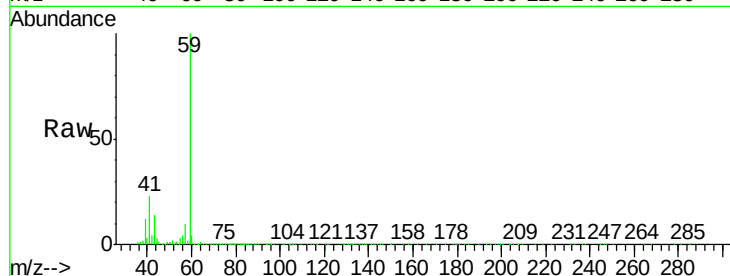


#11

Tert butyl alcohol
Concen: 116.065 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

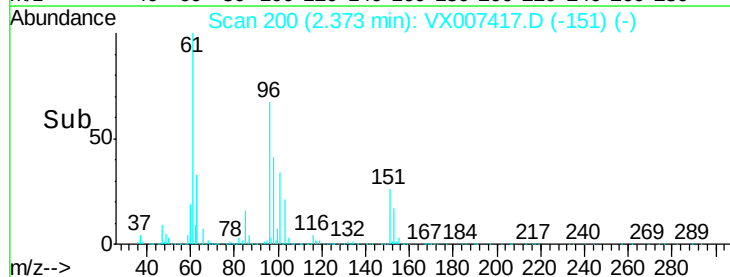
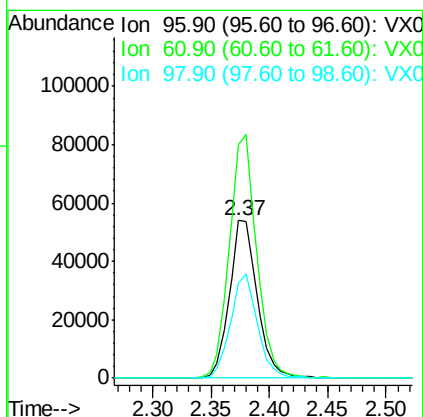
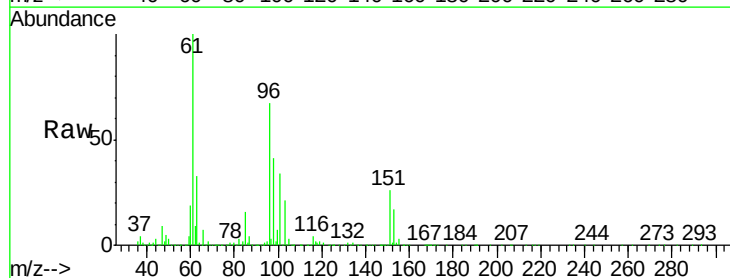
Tot Ion: 59 Resp: 123135
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

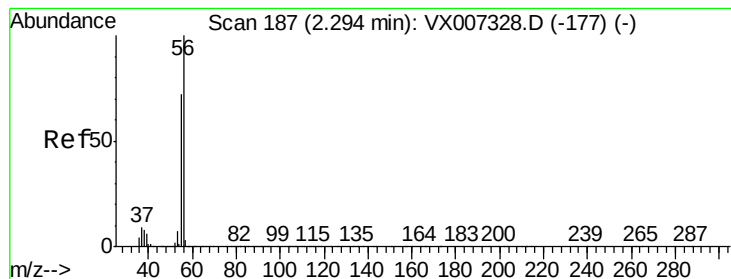


#12

1,1-Dichloroethene
Concen: 19.509 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 96 Resp: 89966
Ion Ratio Lower Upper
96 100
61 147.9 123.0 184.4
98 60.3 50.9 76.3





#13

Acrolein

Concen: 111.614 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

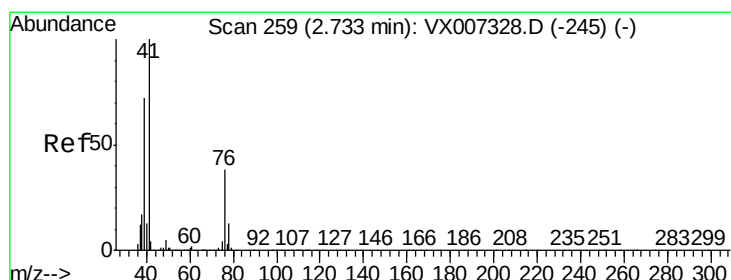
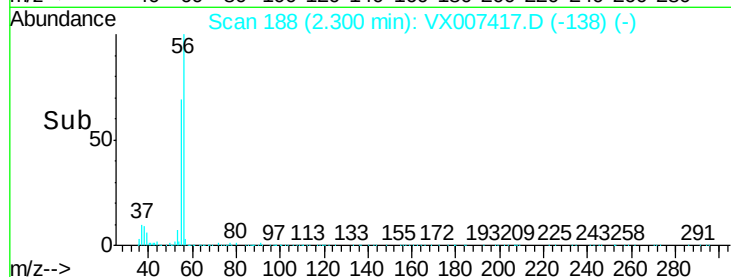
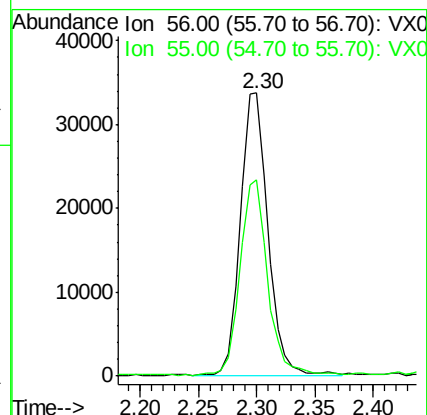
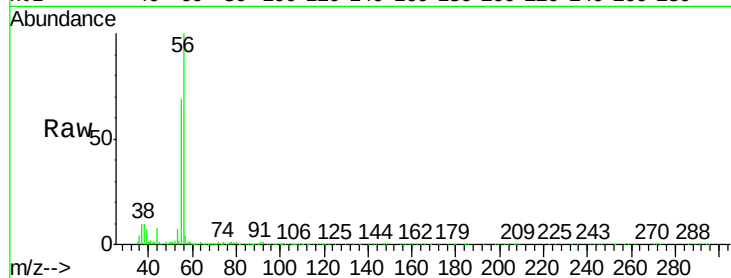
VX0207WBS01

Tot Ion: 56 Resp: 55527

Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3



#14

Allyl chloride

Concen: 20.315 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

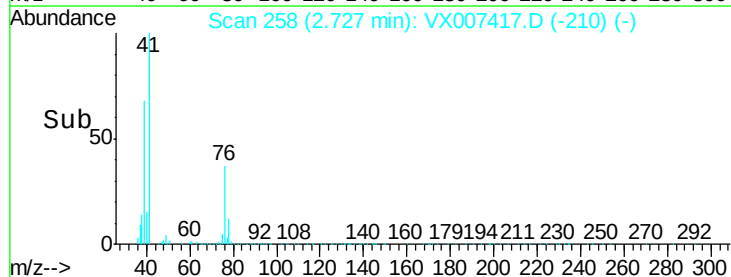
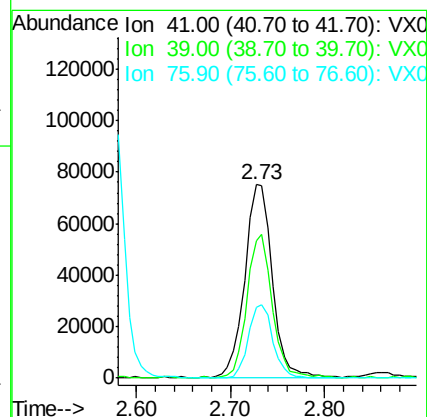
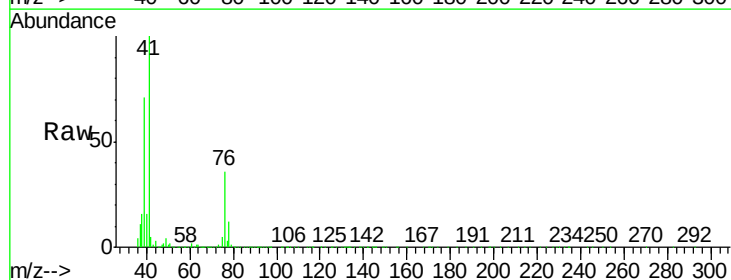
Tgt Ion: 41 Resp: 152641

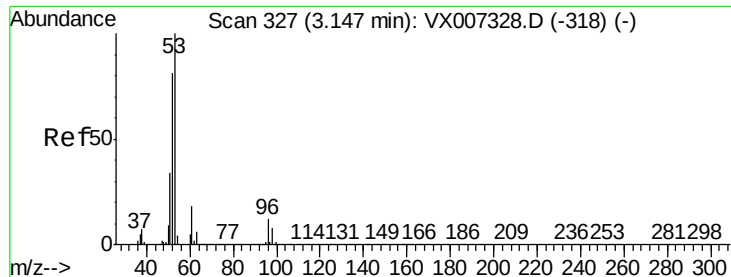
Ion Ratio Lower Upper

41 100

39 68.2 54.1 81.1

76 33.9 27.8 41.8





#15

Acrylonitrile

Concen: 106.018 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

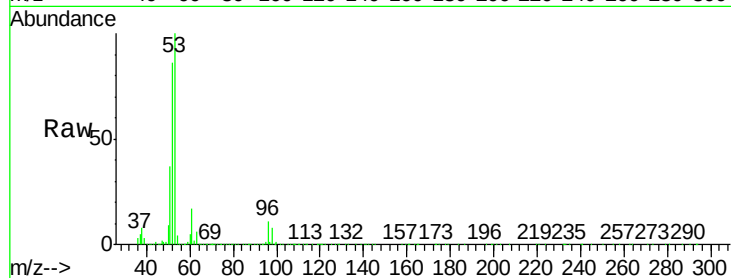
Tot Ion: 53 Resp: 278241

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

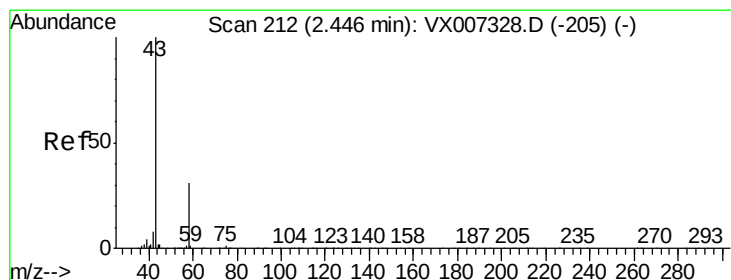
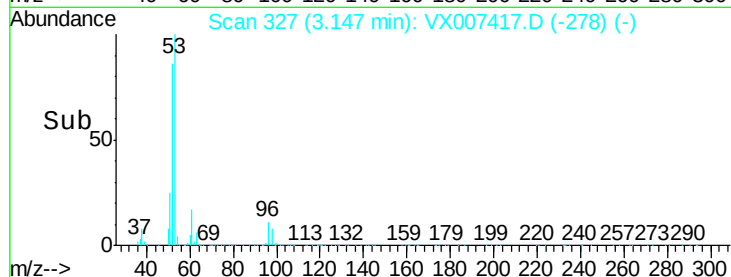
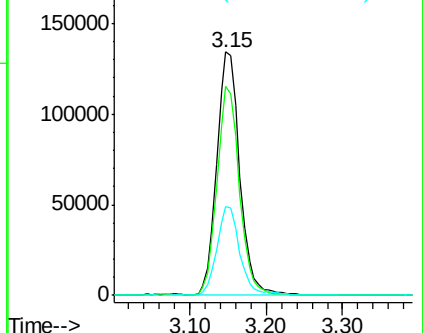
51 36.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007417.D

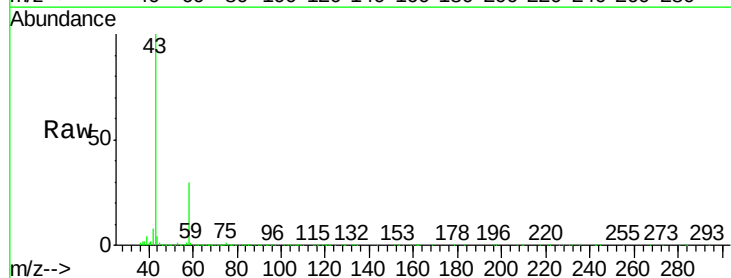
Acq: 07 Feb 2019 11:36

Tgt Ion: 43 Resp: 259455

Ion Ratio Lower Upper

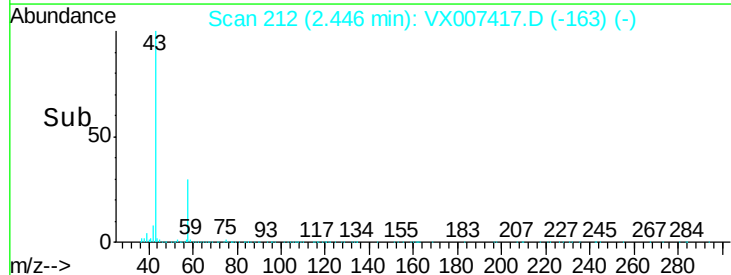
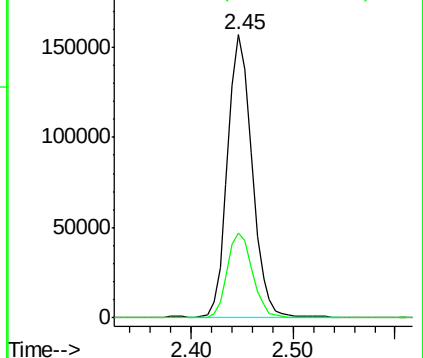
43 100

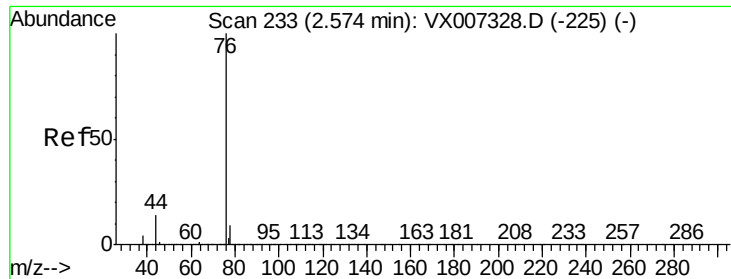
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

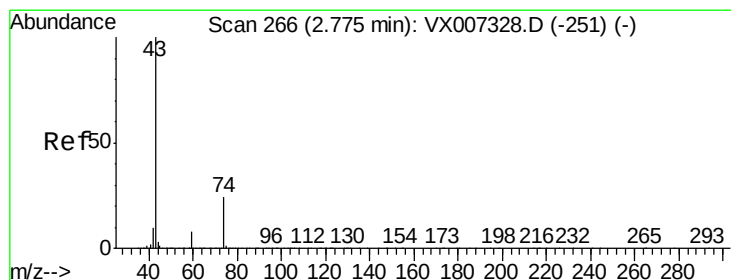
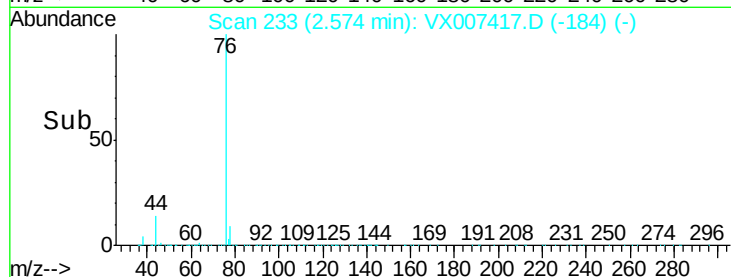
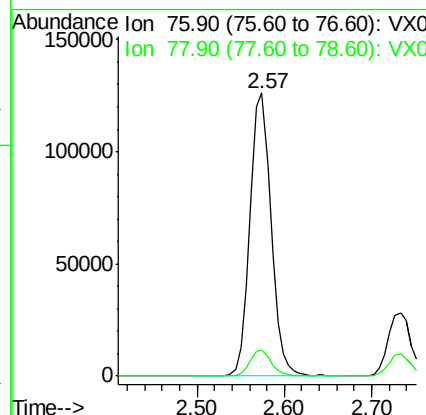
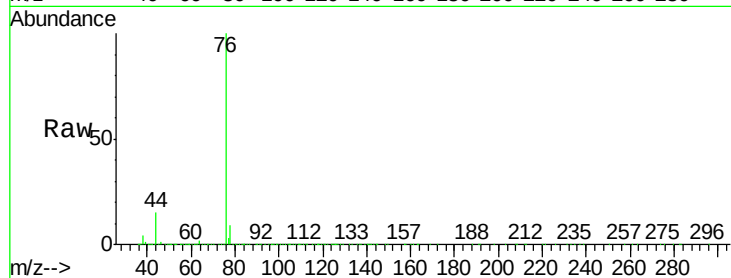




#17
Carbon Disulfide
Concen: 18.977 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

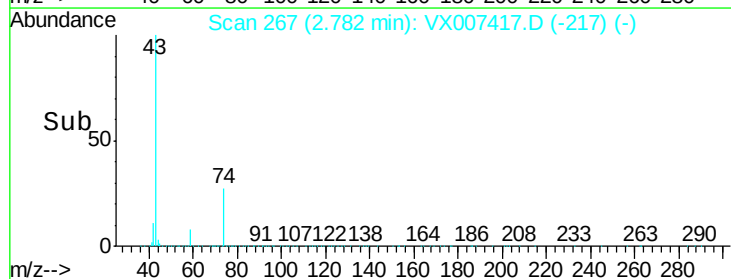
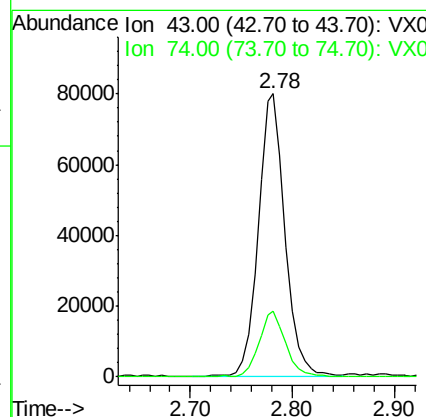
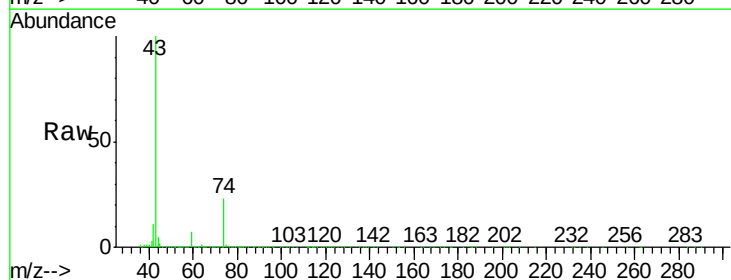
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

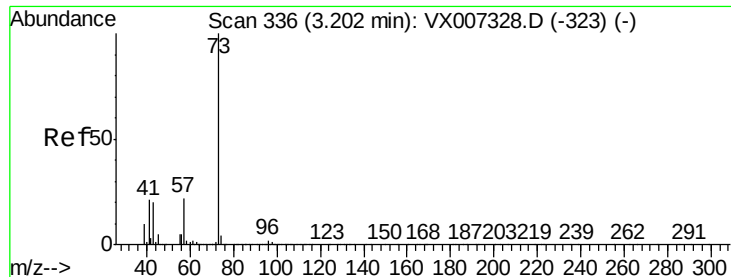
Tot Ion: 76 Resp: 212265
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 23.970 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 43 Resp: 144747
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2



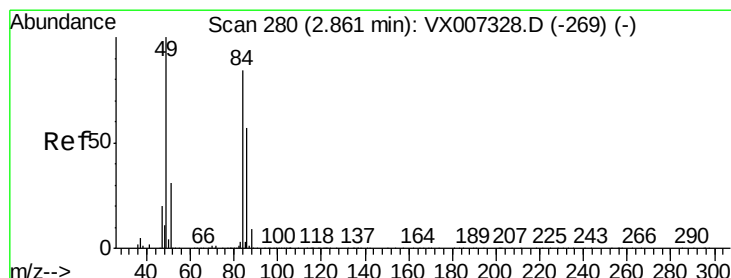
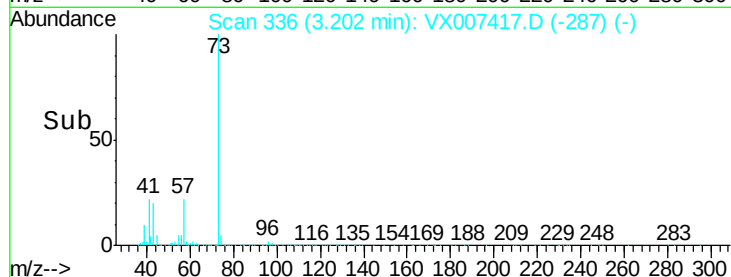
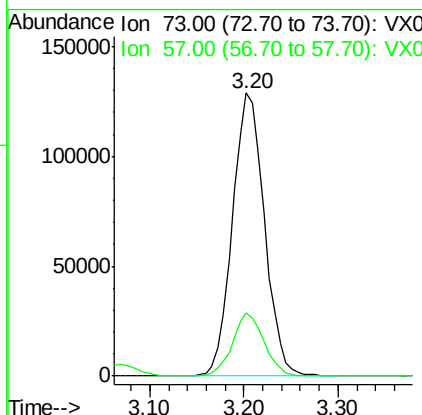
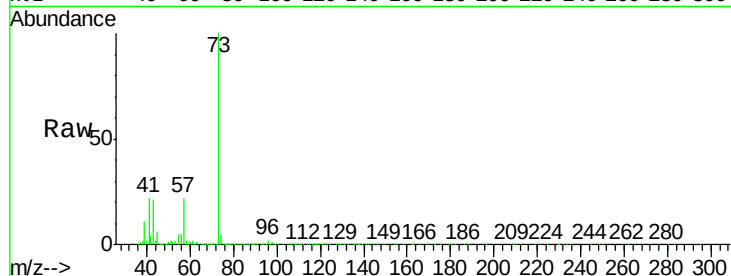


#19

Methyl tert-butyl Ether
 Concen: 20.336 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

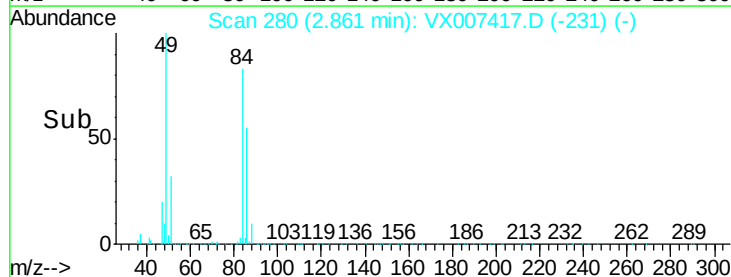
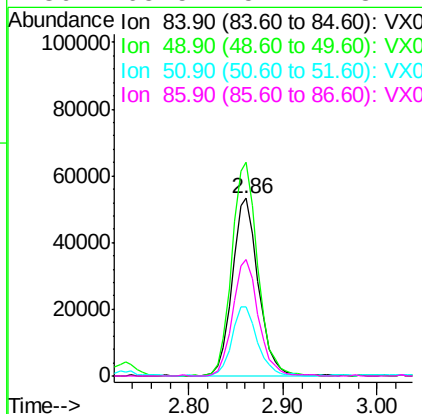
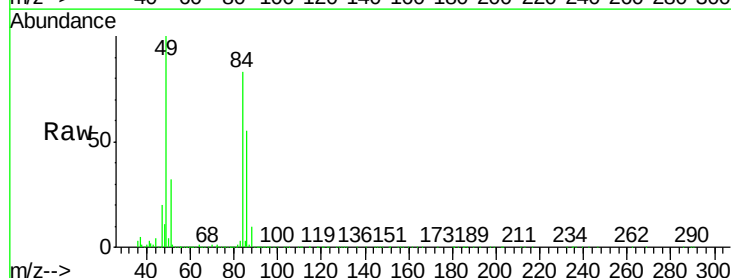
Tot Ion: 73 Resp: 303812
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.8

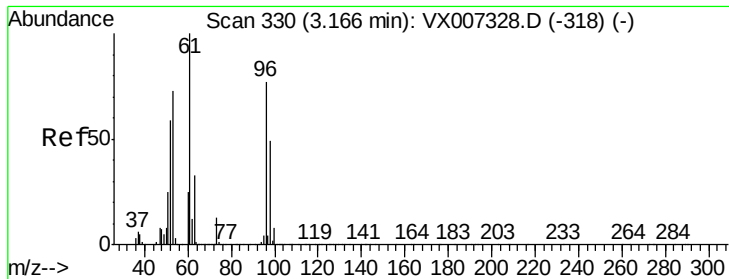


#20

Methylene Chloride
 Concen: 21.101 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Tgt Ion: 84 Resp: 102300
 Ion Ratio Lower Upper
 84 100
 49 119.8 94.8 142.2
 51 38.3 29.8 44.8
 86 65.5 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.370 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

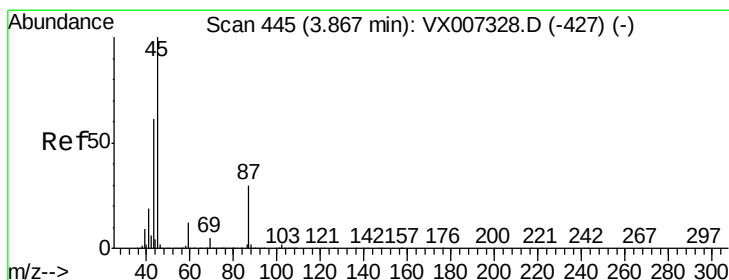
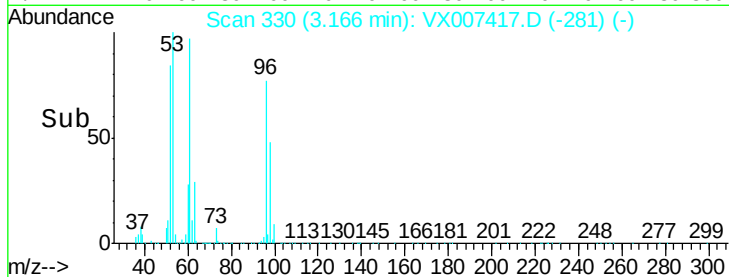
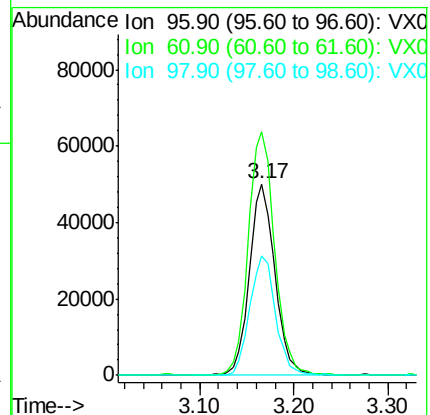
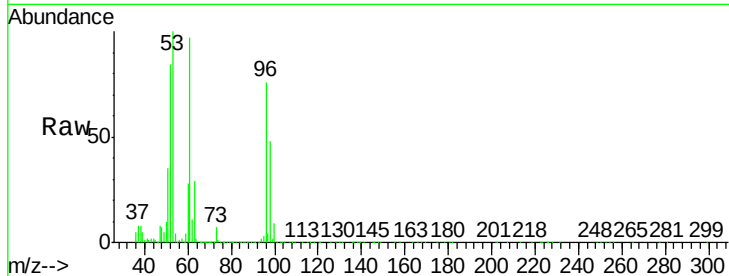
Tot Ion: 96 Resp: 95152

Ion Ratio Lower Upper

96 100

61 126.8 104.6 156.8

98 62.3 51.0 76.4



#22

Diisopropyl ether

Concen: 20.388 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Tgt Ion: 45 Resp: 281781

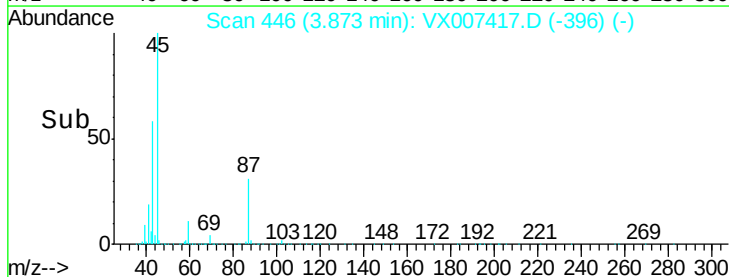
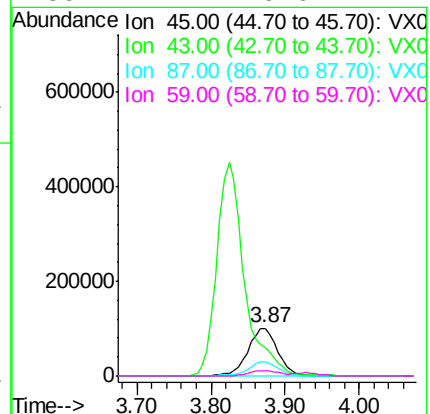
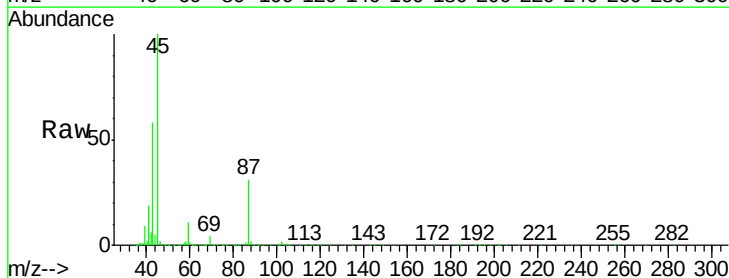
Ion Ratio Lower Upper

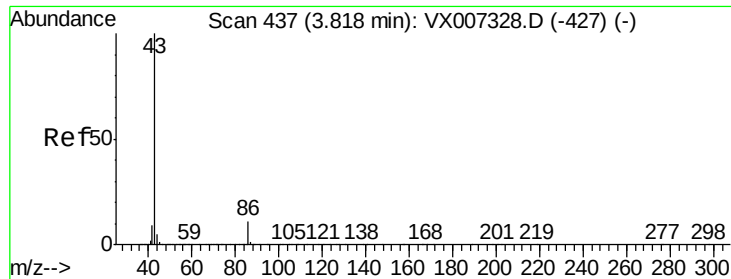
45 100

43 57.7 48.9 73.3

87 30.5 23.9 35.9

59 11.2 9.6 14.4





#23

Vinyl Acetate

Concen: 102.214 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

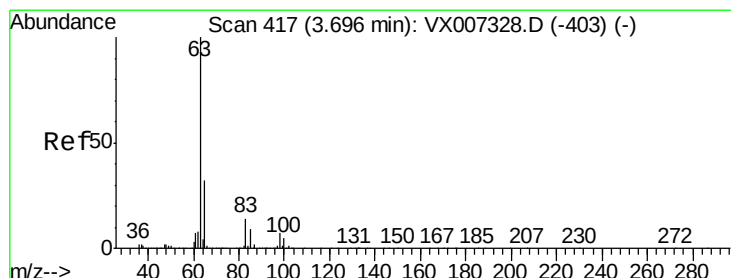
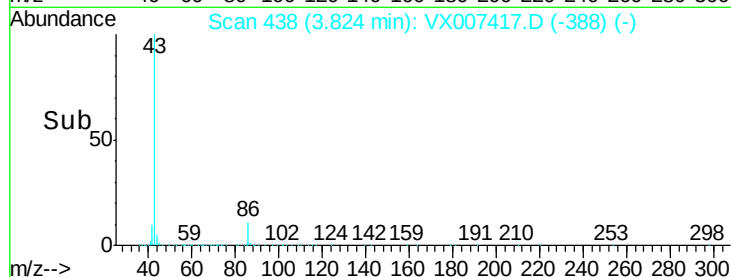
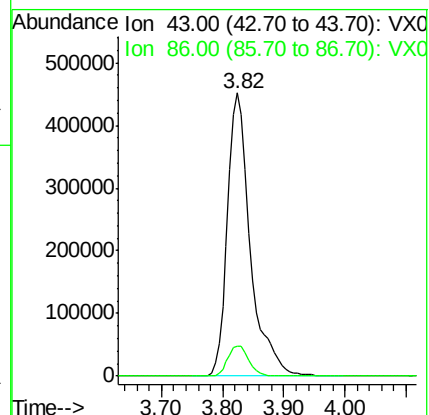
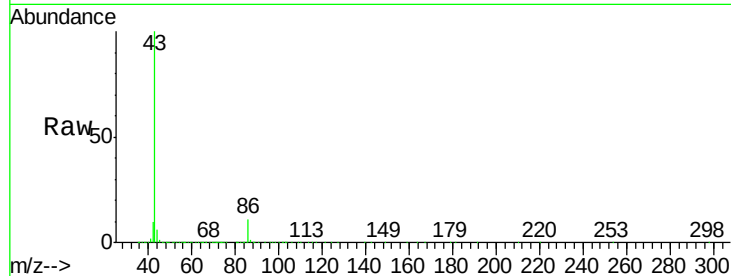
VX0207WBS01

Tot Ion: 43 Resp: 1172295

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.219 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

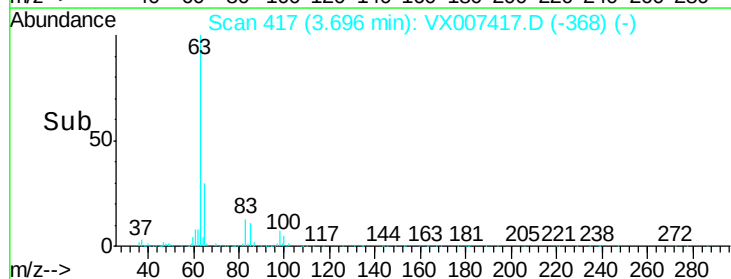
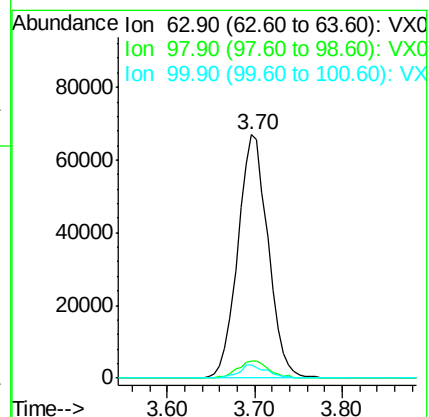
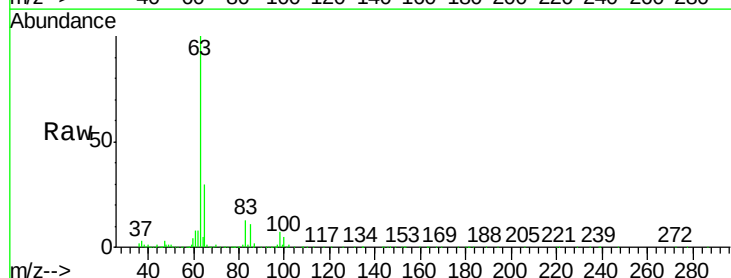
Tgt Ion: 63 Resp: 160480

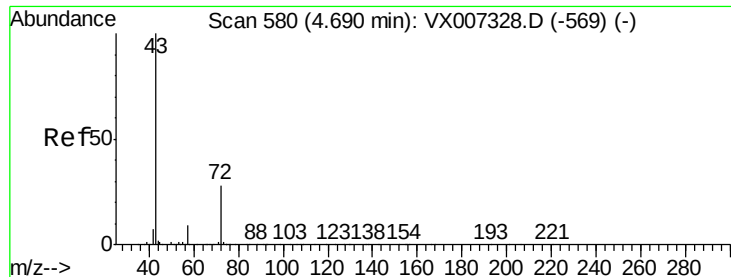
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 108.196 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

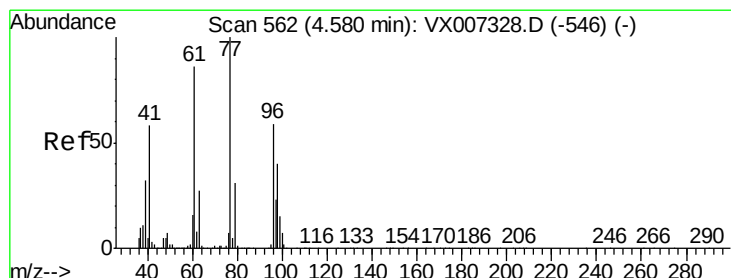
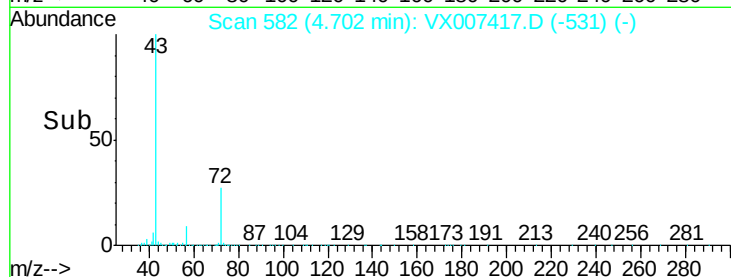
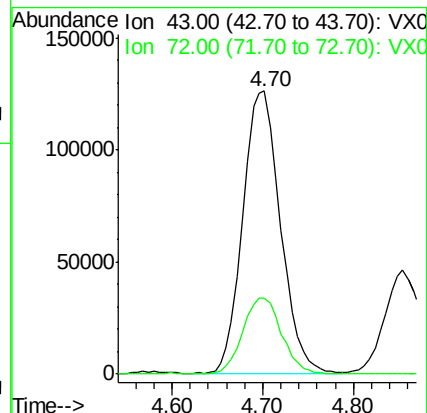
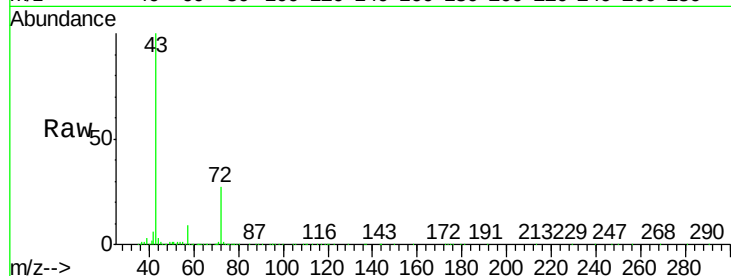
VX0207WBS01

Tot Ion: 43 Resp: 361577

Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.970 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007417.D

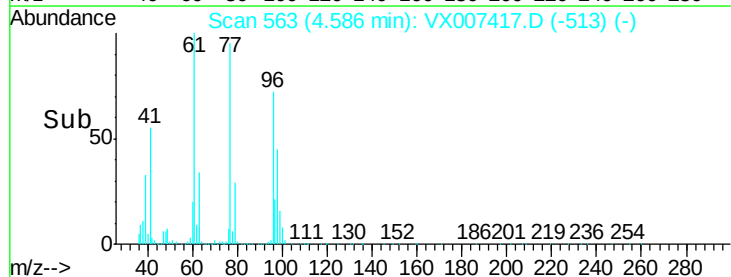
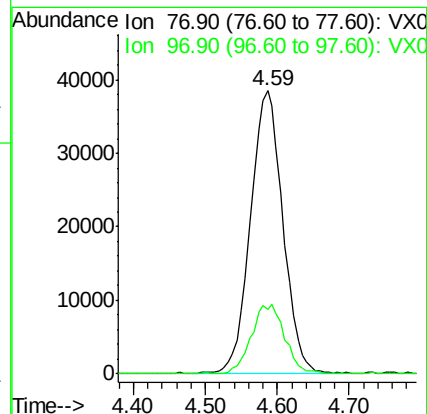
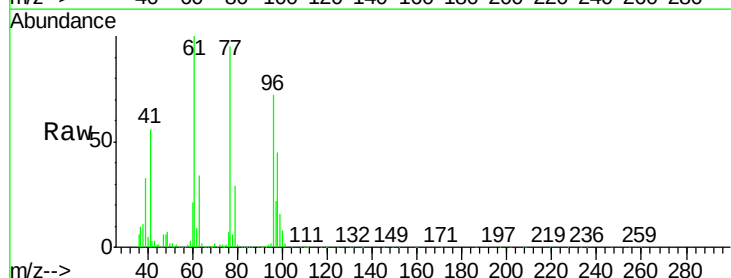
Acq: 07 Feb 2019 11:36

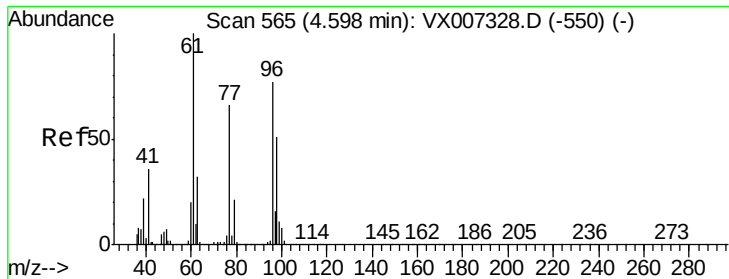
Tgt Ion: 77 Resp: 120710

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3



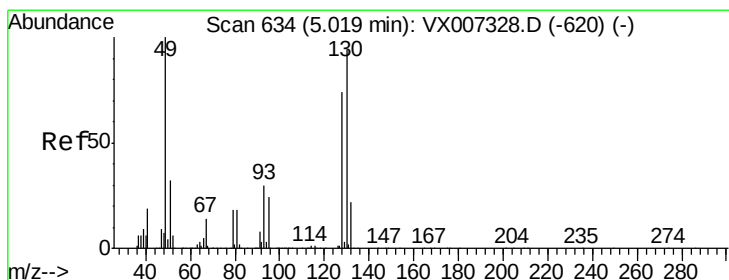
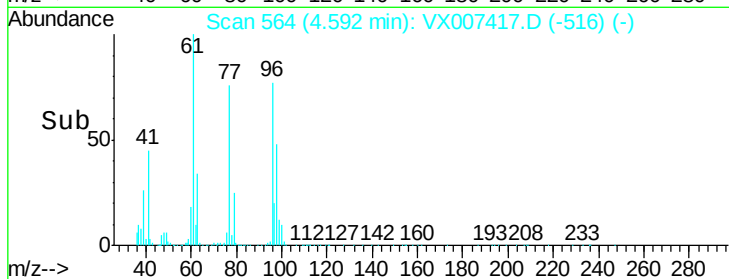
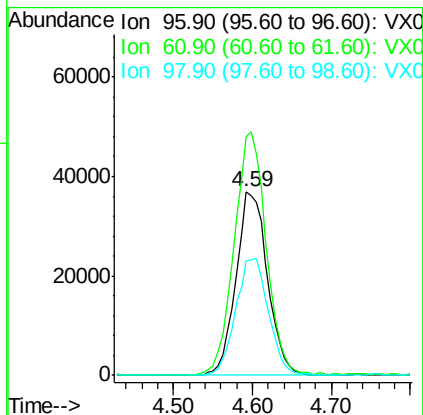
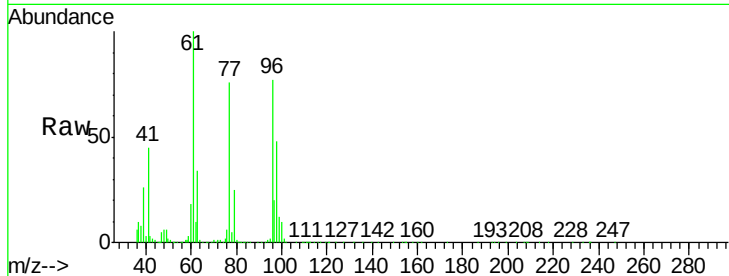


#27

cis-1,2-Dichloroethene
Concen: 19.175 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

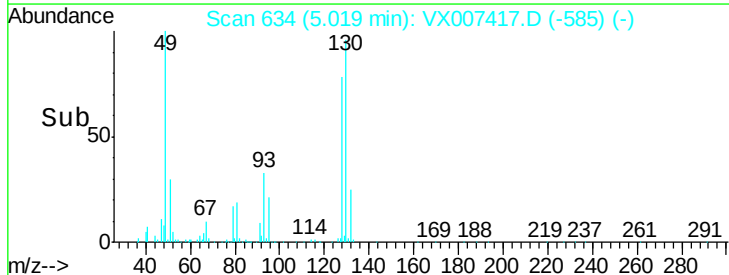
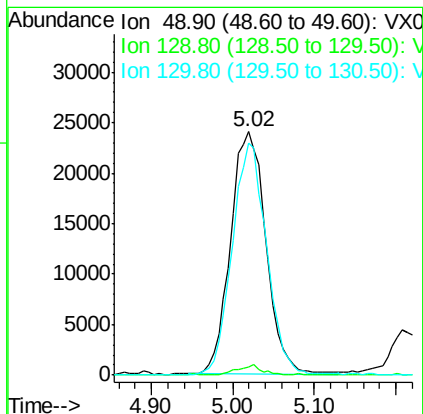
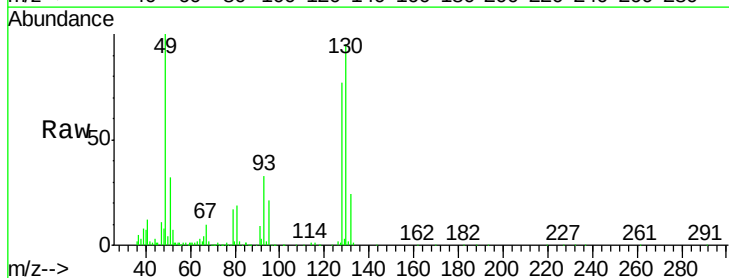
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	265.6
98	66.2	0.0	131.6

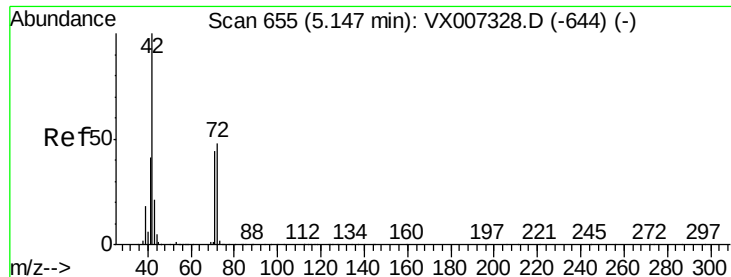


#28

Bromochloromethane
Concen: 19.775 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	92.8	75.6	113.4

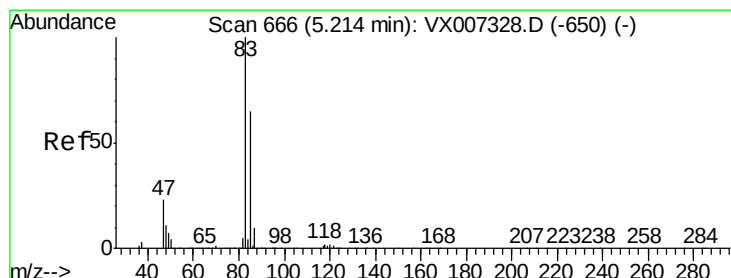
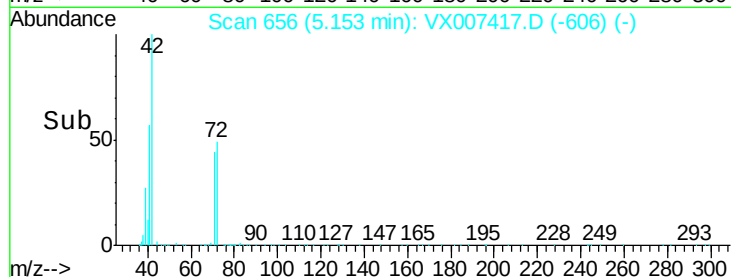
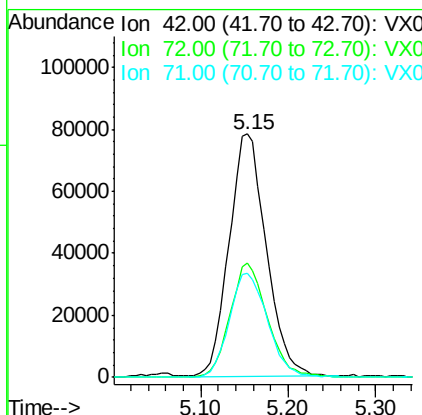
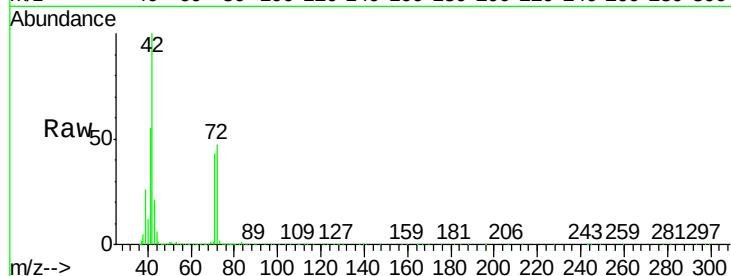




#29
Tetrahydrofuran
Concen: 110.108 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

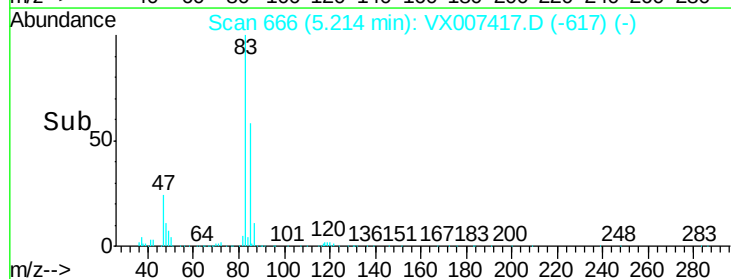
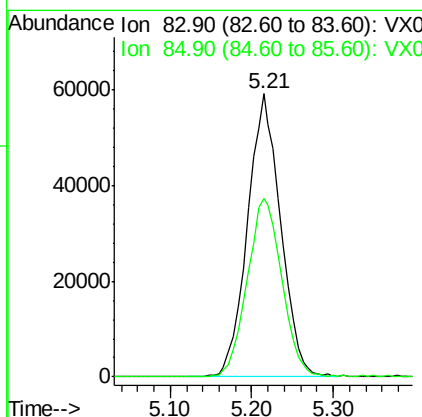
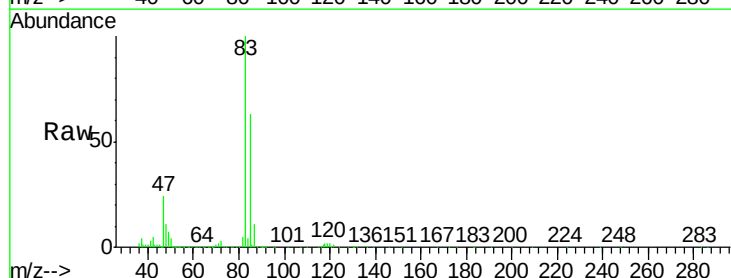
Instrument :
MSVOA_X
ClientSampled :
VX0207WBS01

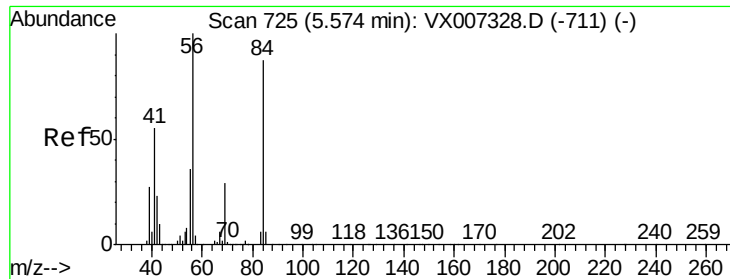
Tot Ion: 42 Resp: 231426
Ion Ratio Lower Upper
42 100
72 47.4 37.6 56.4
71 43.8 34.6 51.8



#30
Chloroform
Concen: 20.199 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 83 Resp: 167295
Ion Ratio Lower Upper
83 100
85 62.7 51.6 77.4

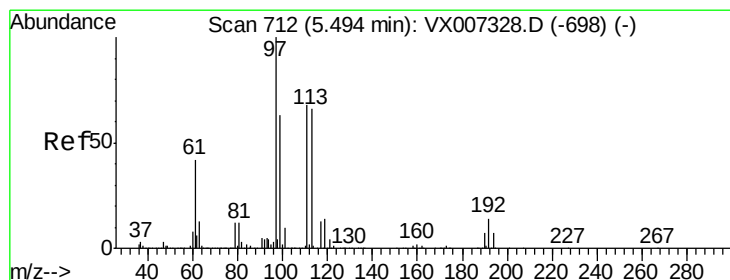
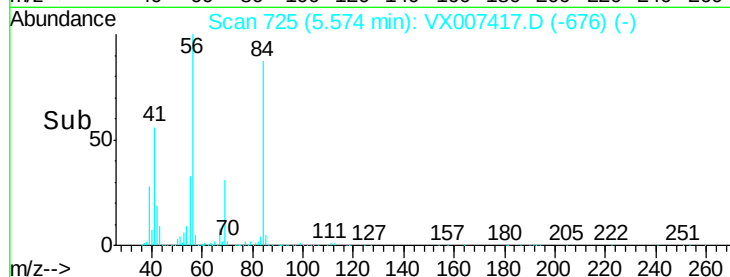
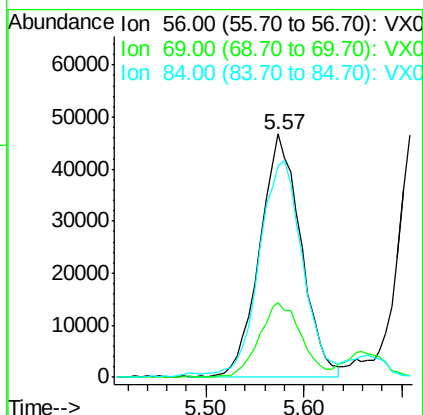
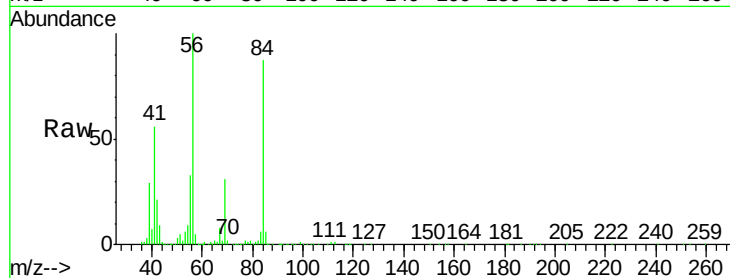




#31
Cyclohexane
Concen: 19.090 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

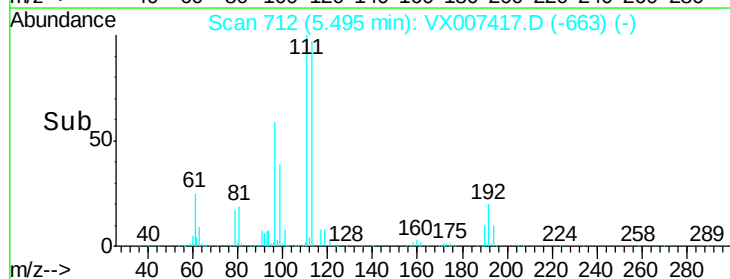
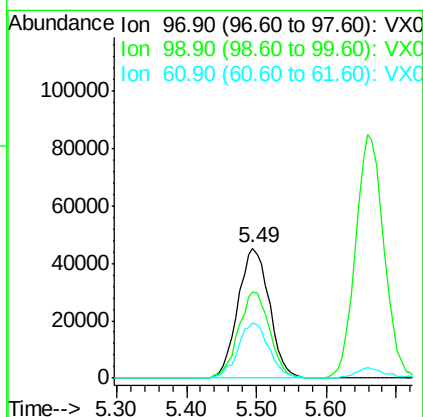
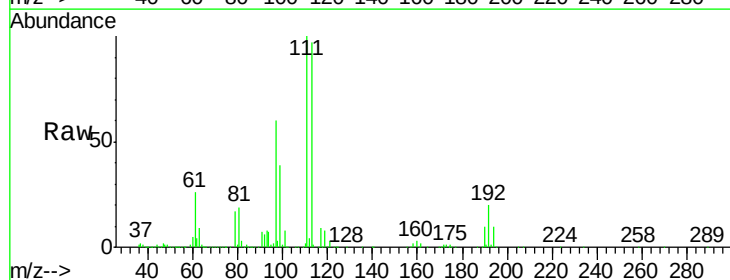
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

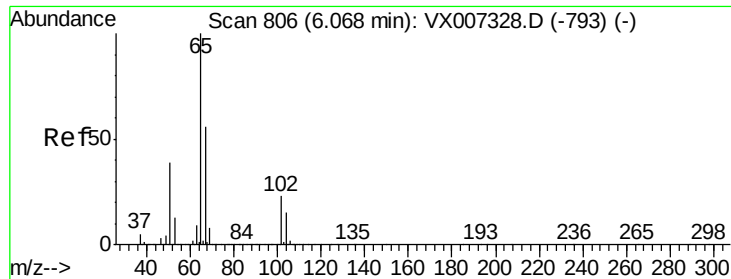
Tot Ion: 56 Resp: 136085
Ion Ratio Lower Upper
56 100
69 30.4 23.0 34.6
84 85.4 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.298 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 97 Resp: 141907
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 41.3 32.7 49.1

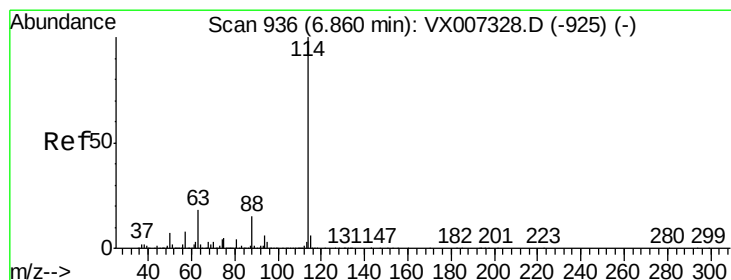
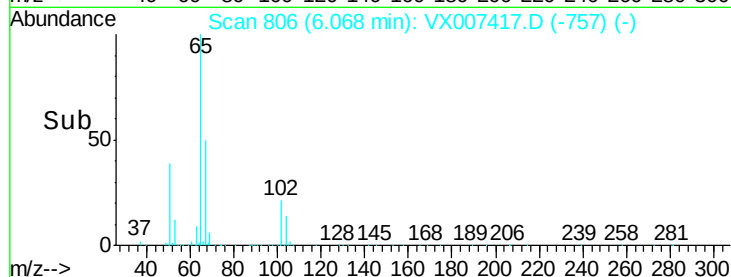
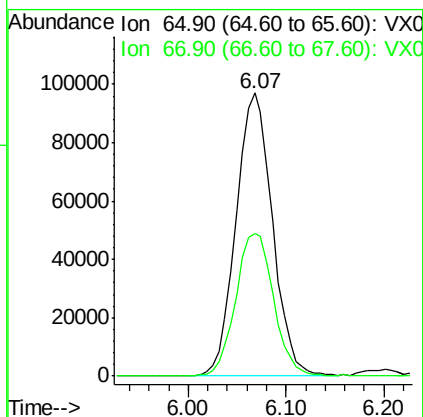
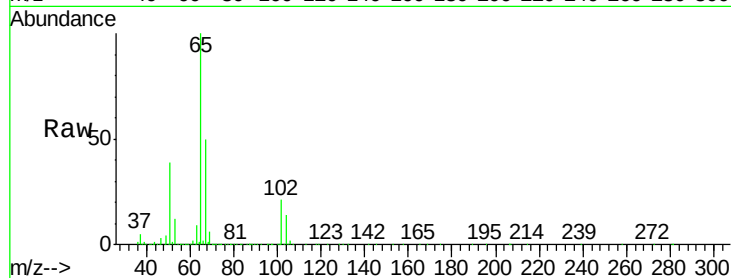




#33
 1,2-Dichloroethane-d4
 Concen: 48.754 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

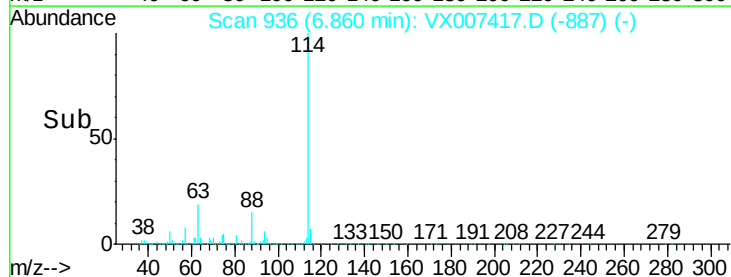
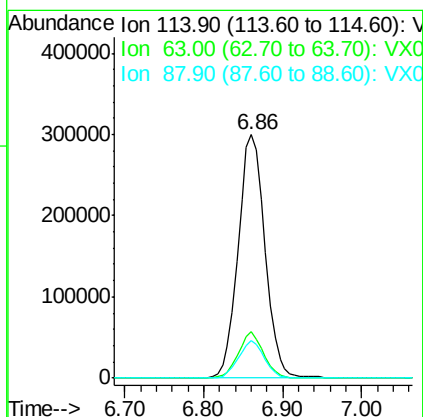
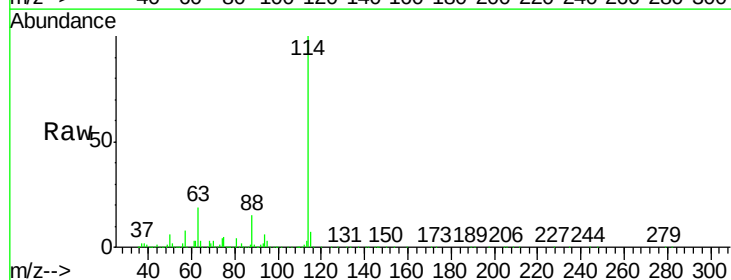
Instrument :
 MSVOA_X
 ClientSampled :
 VX0207WBS01

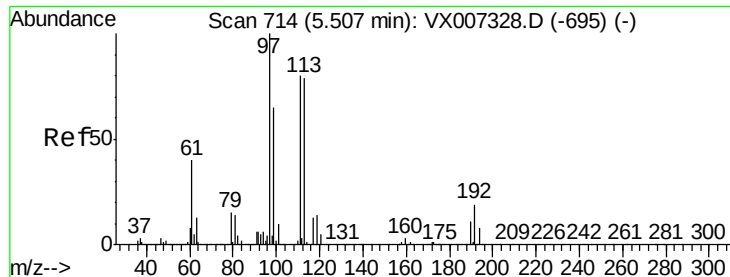
Tot Ion: 65 Resp: 249931
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Tgt Ion: 114 Resp: 709034
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.6
 88 15.4 0.0 29.6

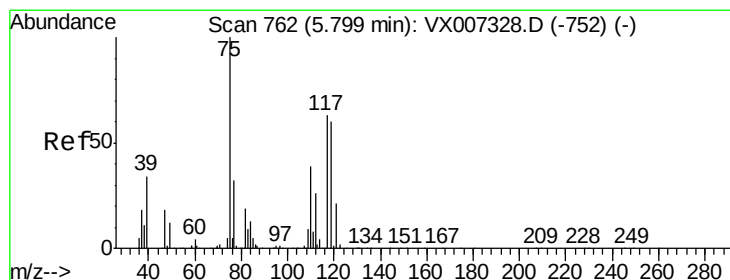
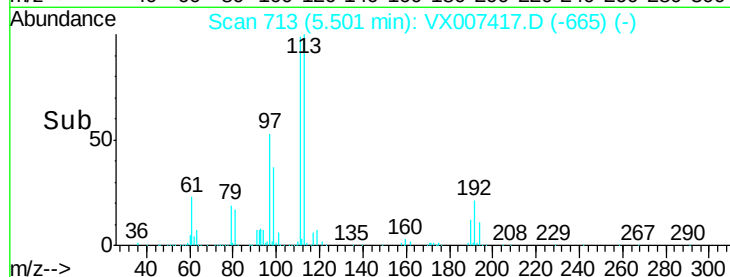
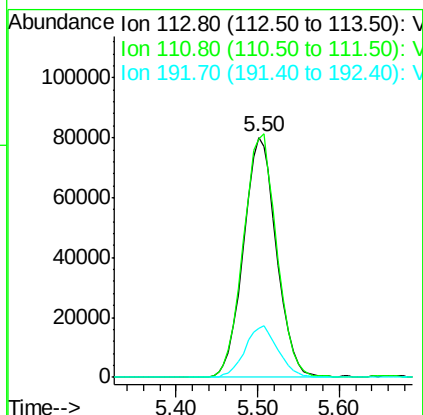
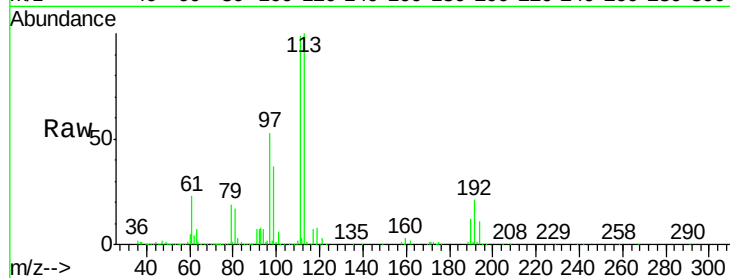




#35
 Dibromofluoromethane
 Concen: 48.795 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

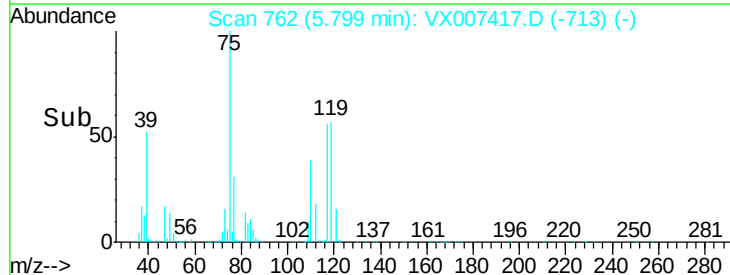
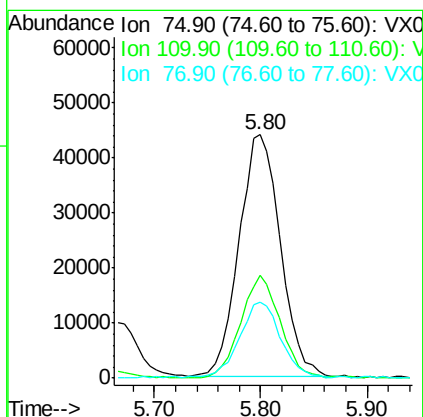
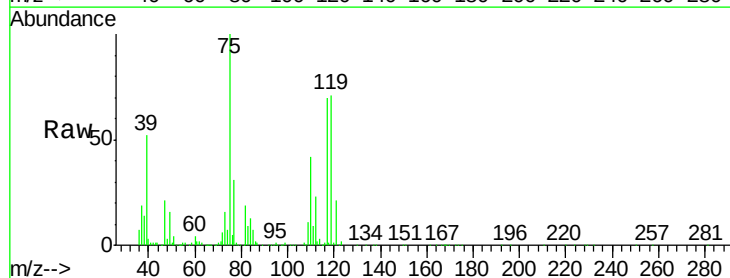
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

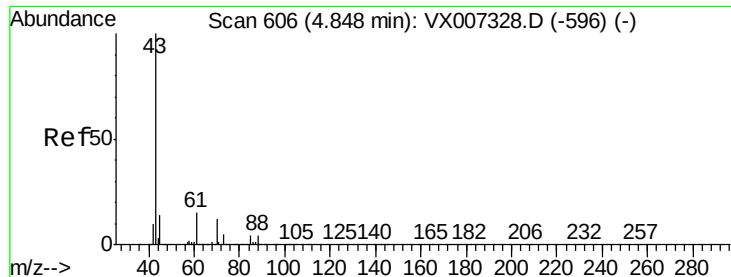
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	21.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 18.948 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.0	59.9
77	30.9	24.7	37.1

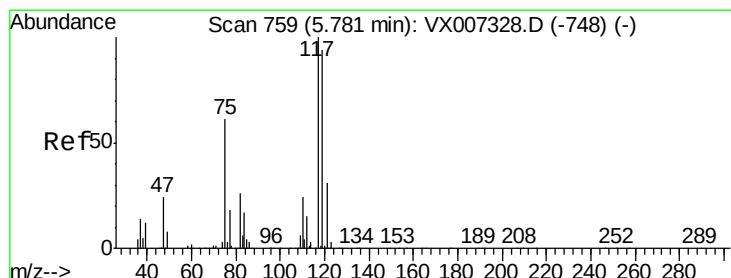
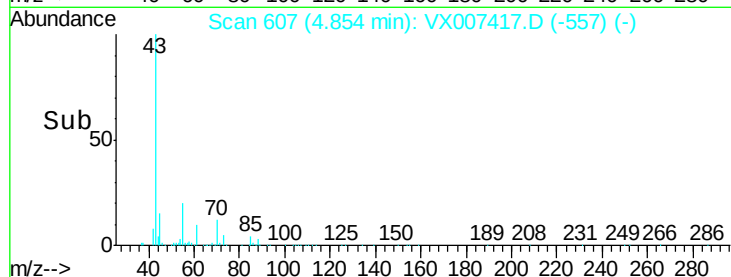
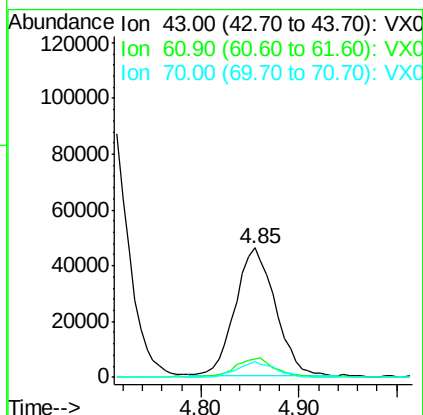
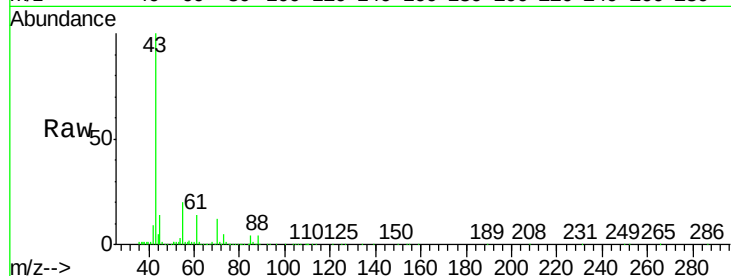




#37
Ethyl Acetate
Concen: 20.387 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

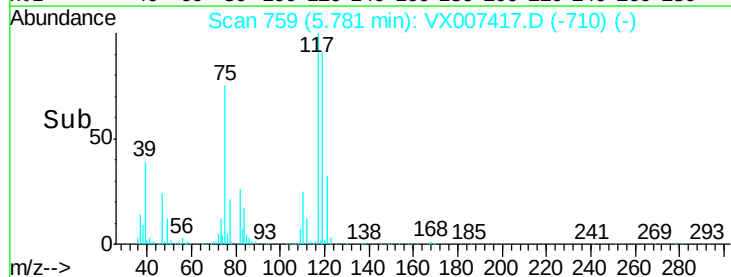
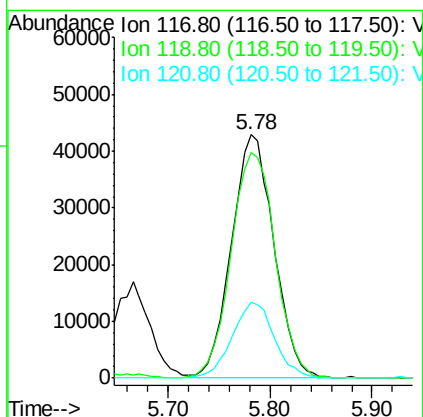
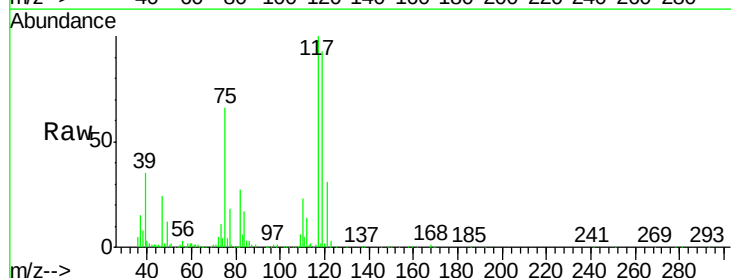
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

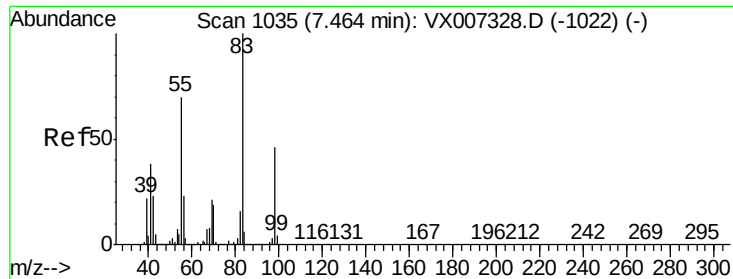
Tot Ion: 43 Resp: 131104
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.093 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 117 Resp: 124009
Ion Ratio Lower Upper
117 100
119 92.3 75.3 112.9
121 31.2 25.0 37.4

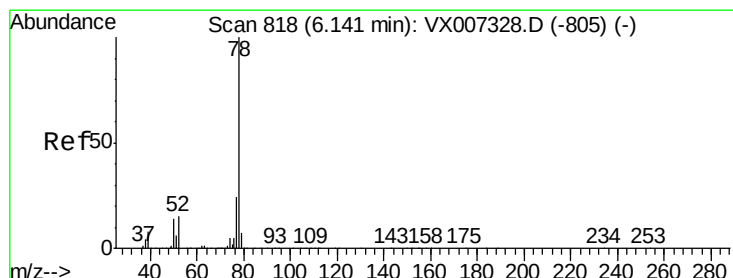
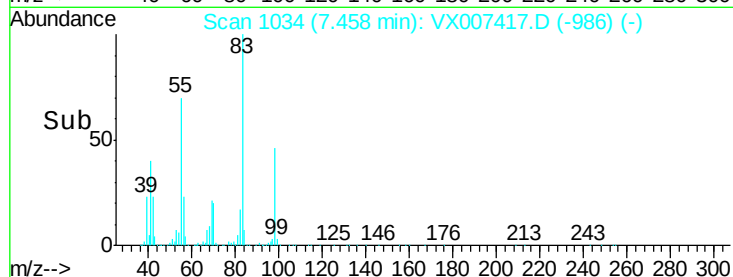
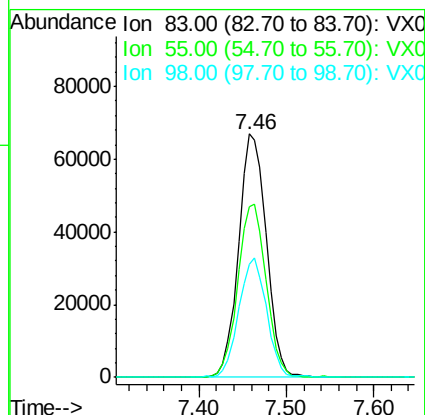
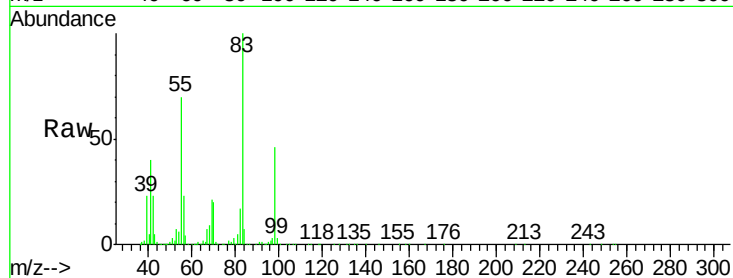




#39
Methylvlcyclohexane
Concen: 19.258 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

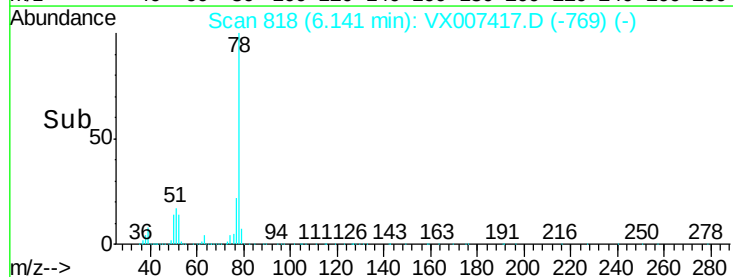
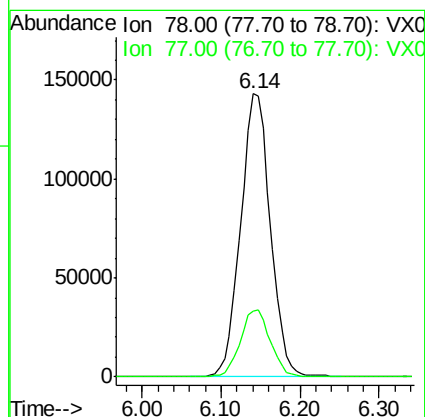
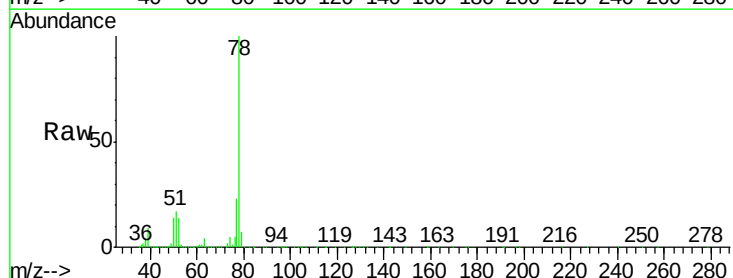
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

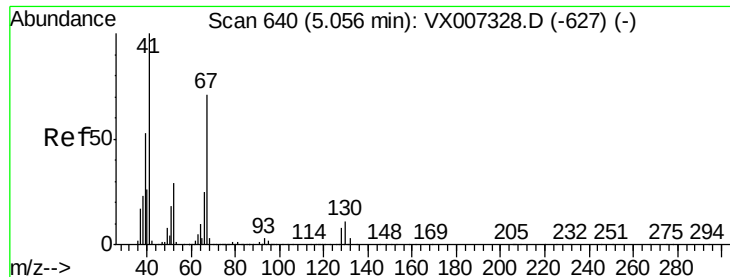
Tot Ion: 83 Resp: 148233
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 46.3 36.8 55.2



#40
Benzene
Concen: 20.018 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 78 Resp: 375126
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

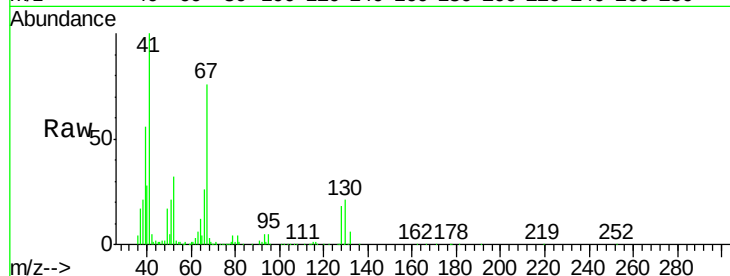




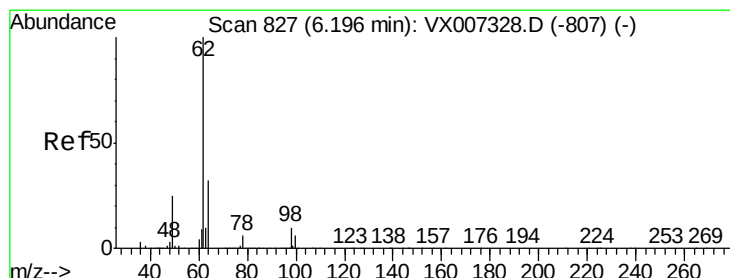
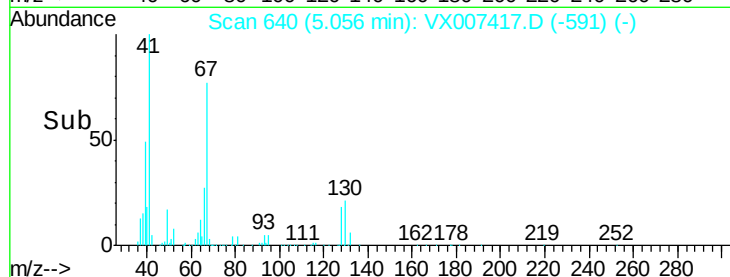
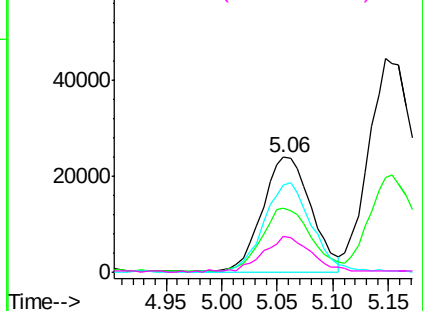
#41
Methacrylonitrile
Concen: 21.093 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

Tot Ion:	41	Resp:	72700
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	76.3	60.4	90.6
52	30.0	24.1	36.1

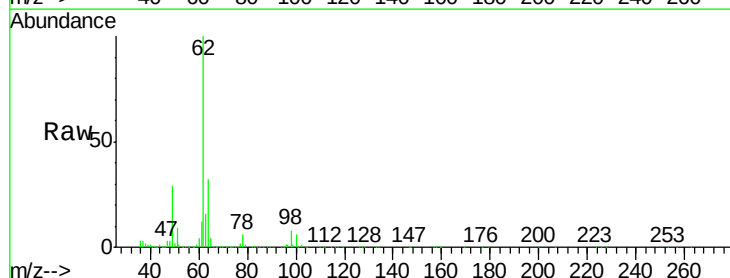


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

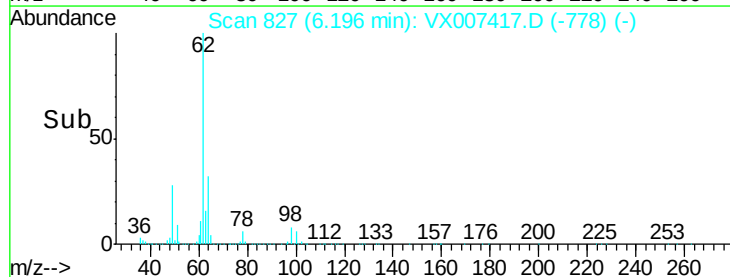
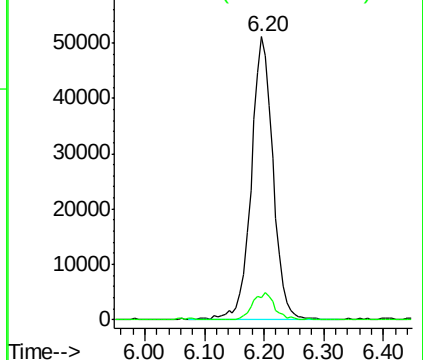


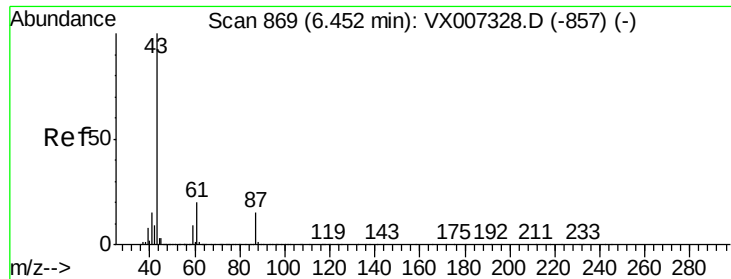
#42
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion:	62	Resp:	129612
Ion	Ratio	Lower	Upper
62	100		
98	9.8	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: 20.881 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

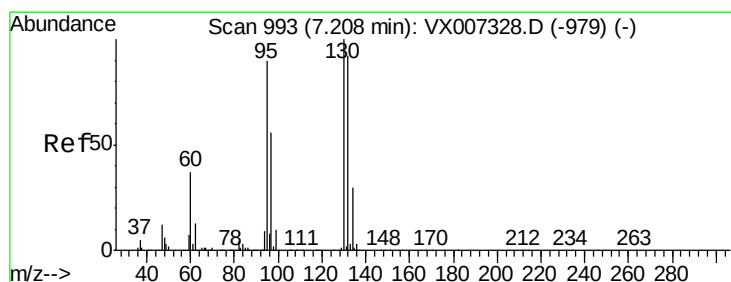
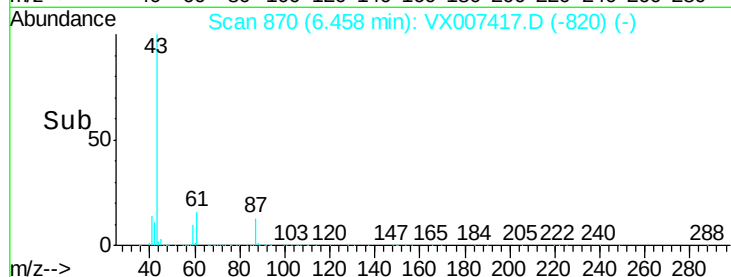
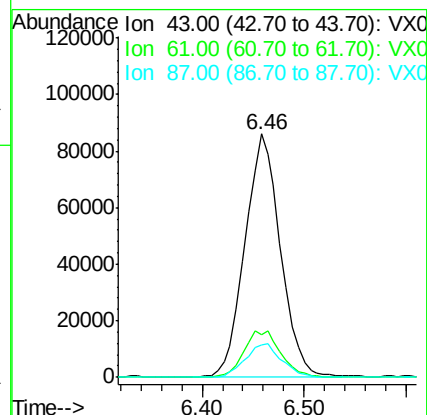
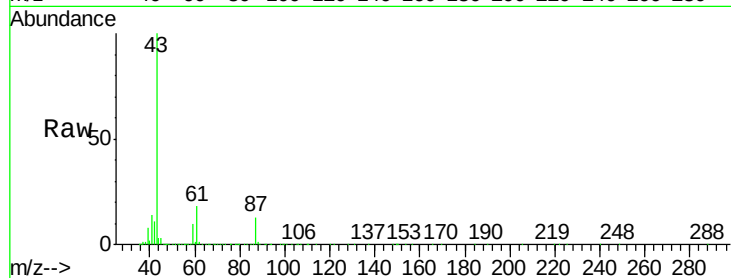
Tot Ion: 43 Resp: 207274

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

87 14.3 11.5 17.3



#44

Trichloroethene

Concen: 18.911 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007417.D

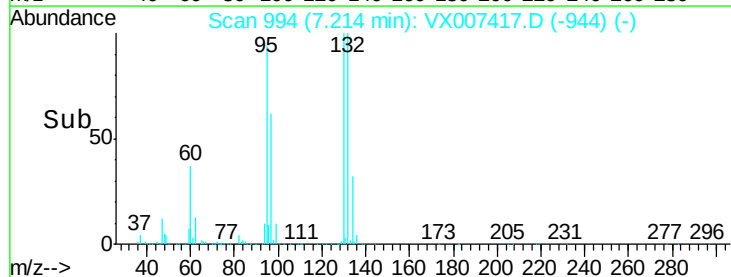
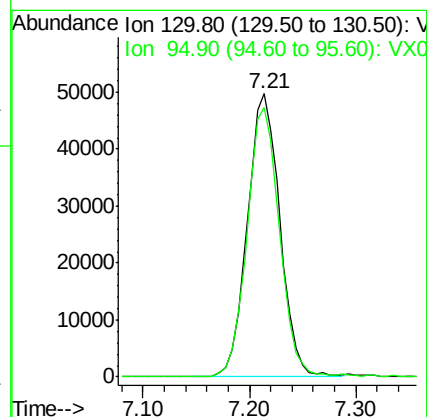
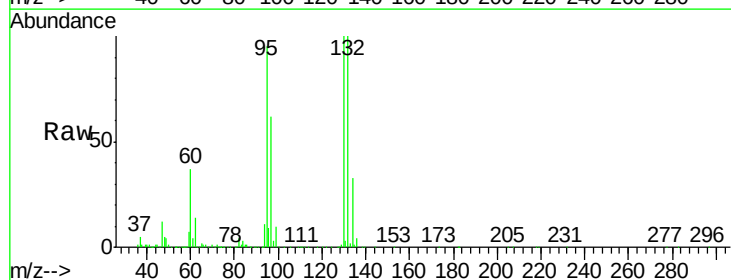
Acq: 07 Feb 2019 11:36

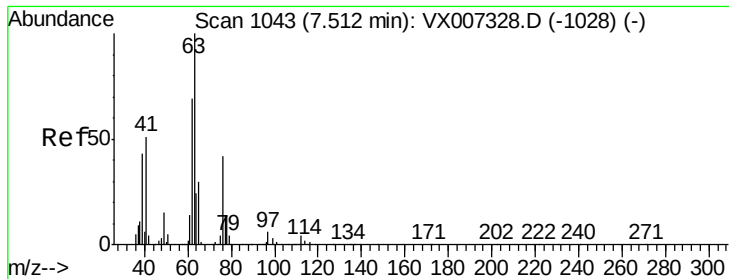
Tgt Ion:130 Resp: 106734

Ion Ratio Lower Upper

130 100

95 95.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 20.020 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

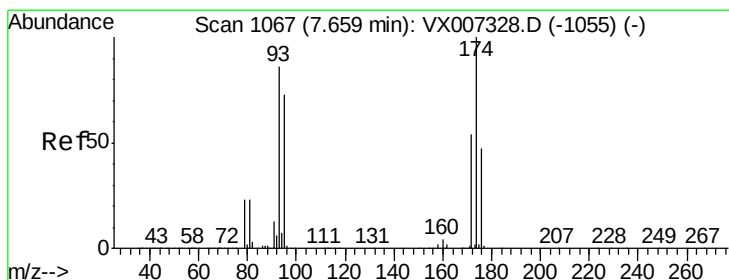
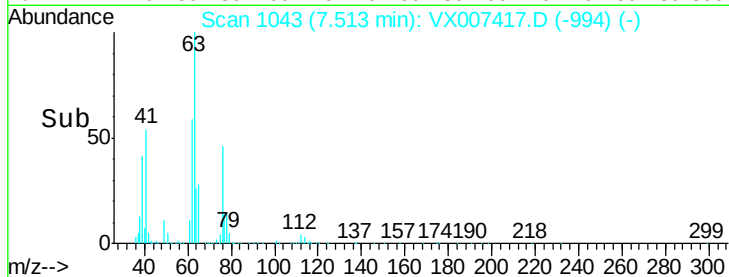
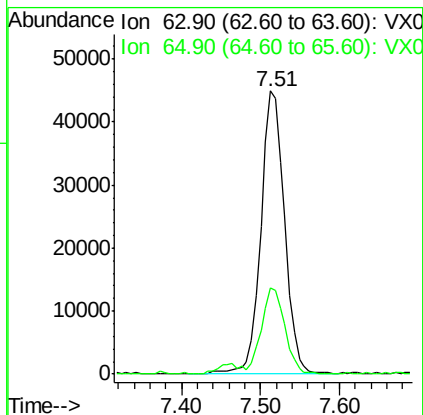
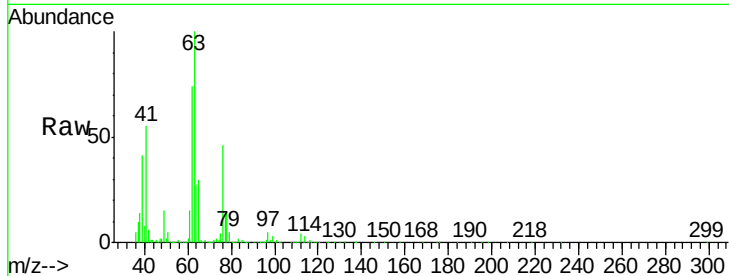
VX0207WBS01

Tot Ion: 63 Resp: 93998

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



#46

Dibromomethane

Concen: 19.233 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

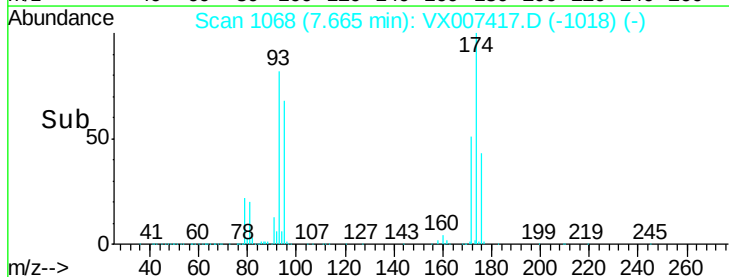
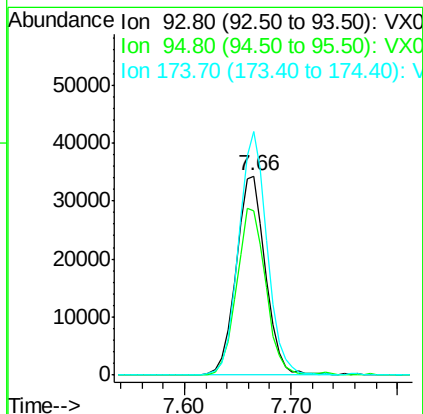
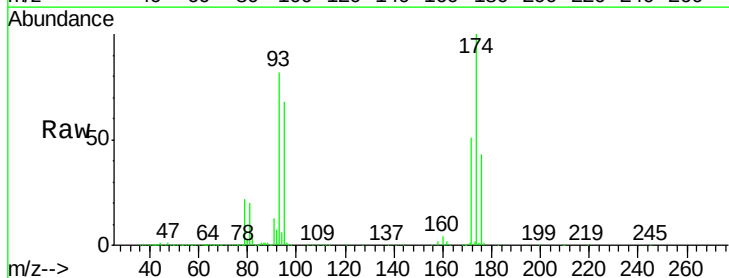
Tgt Ion: 93 Resp: 65633

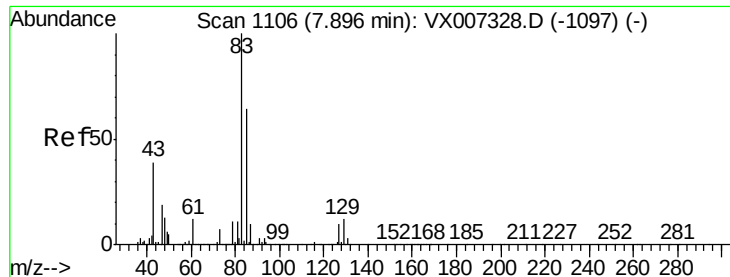
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 119.4 94.2 141.4





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

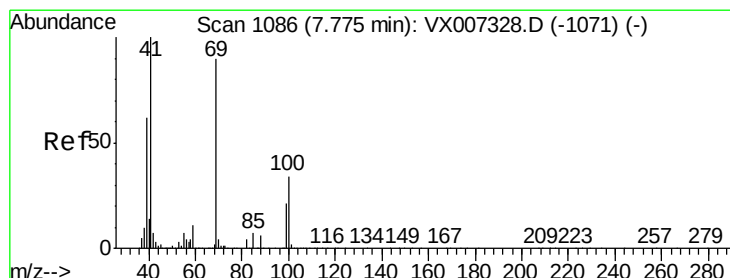
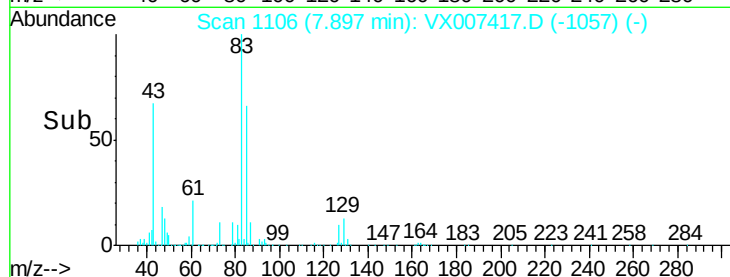
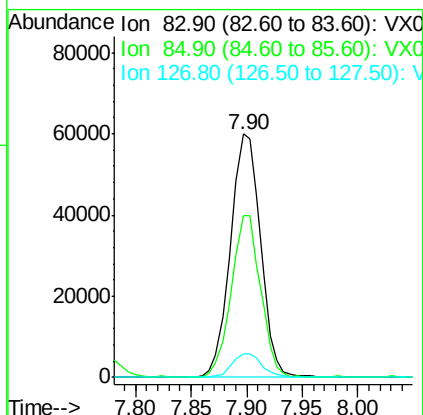
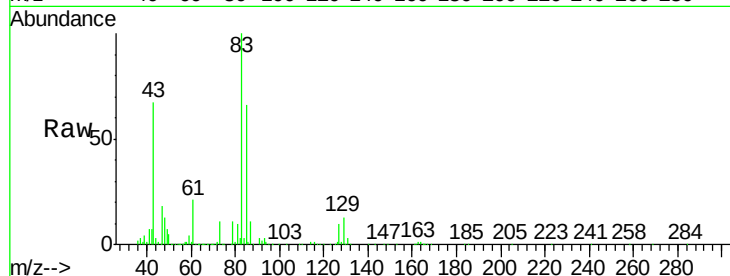
Tot Ion: 83 Resp: 112408

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.0

127 9.6 8.1 12.1



#48

Methyl methacrylate

Concen: 21.547 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

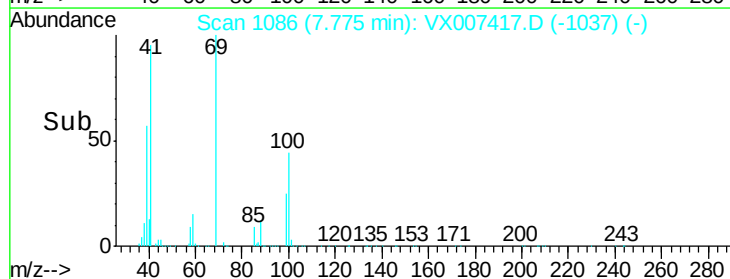
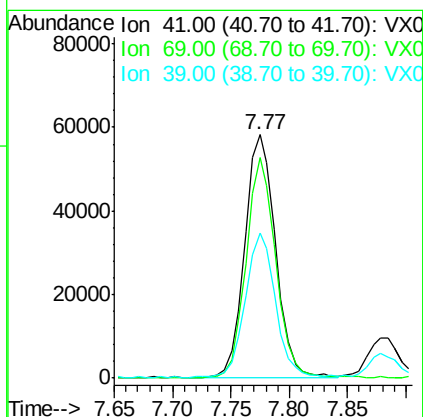
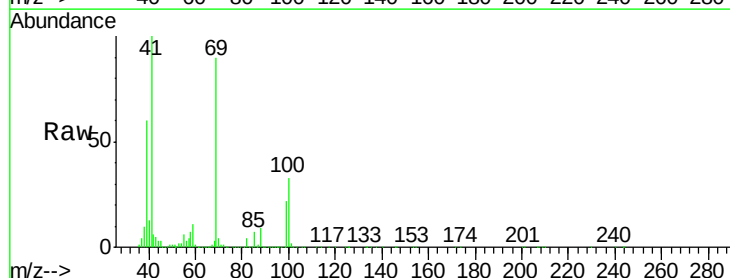
Tgt Ion: 41 Resp: 106980

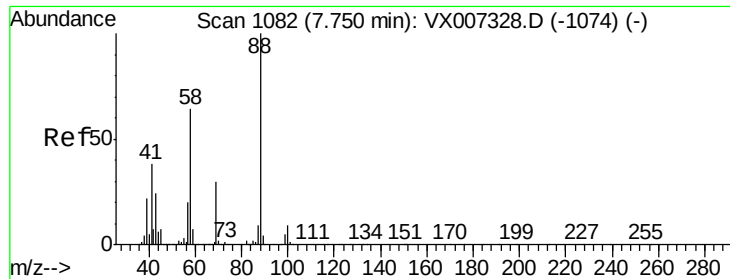
Ion Ratio Lower Upper

41 100

69 88.4 70.2 105.4

39 58.4 47.4 71.0





#49

1,4-Dioxane

Concen: 467.886 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

VX0207WBS01

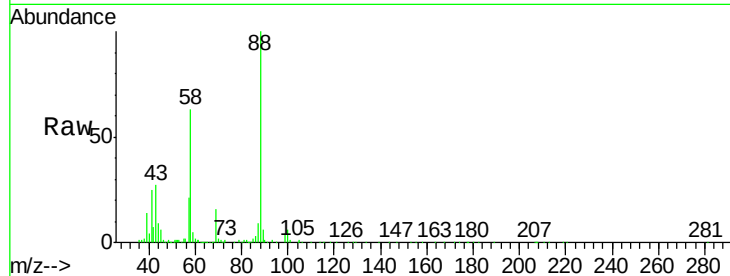
Tot Ion: 88 Resp: 52415

Ion Ratio Lower Upper

88 100

43 29.4 24.2 36.4

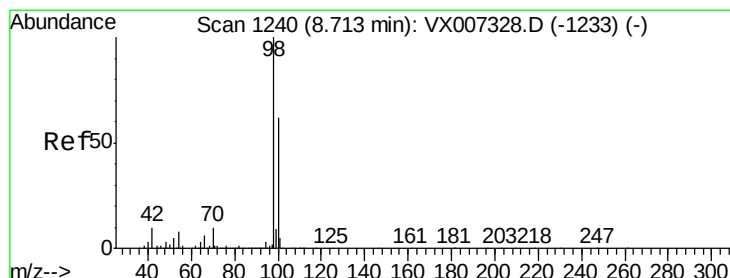
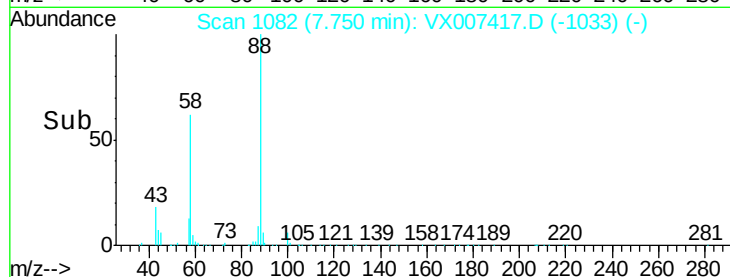
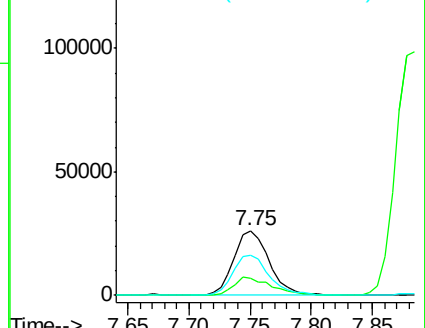
58 64.3 53.0 79.4



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: 48.844 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007417.D

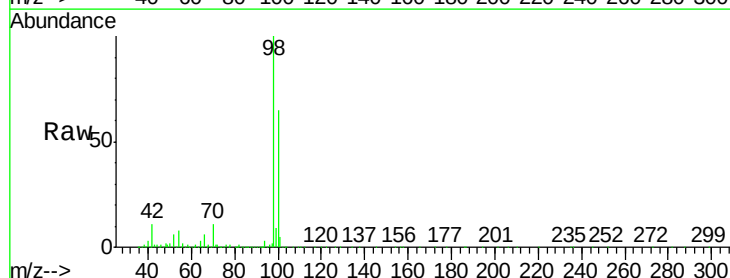
Acq: 07 Feb 2019 11:36

Tgt Ion: 98 Resp: 836039

Ion Ratio Lower Upper

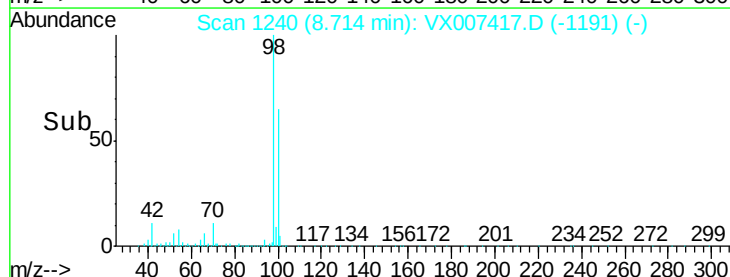
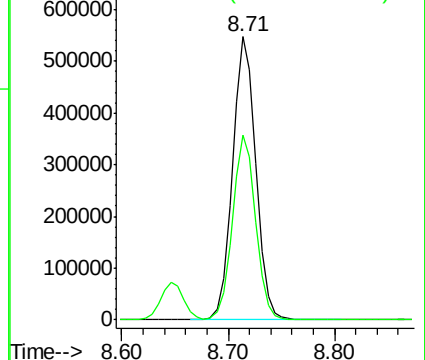
98 100

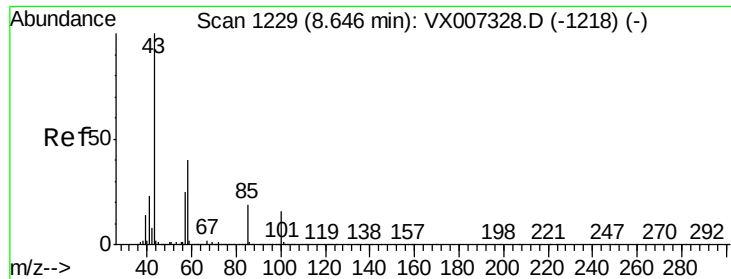
100 64.8 51.6 77.4



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: 107.315 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

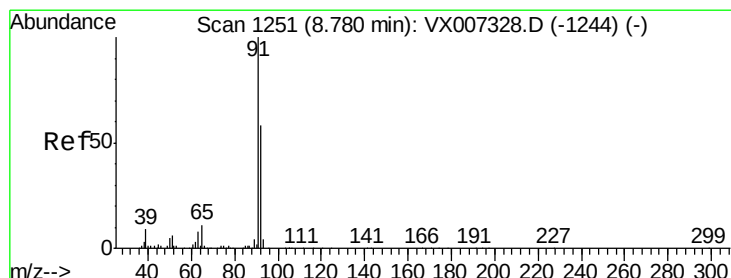
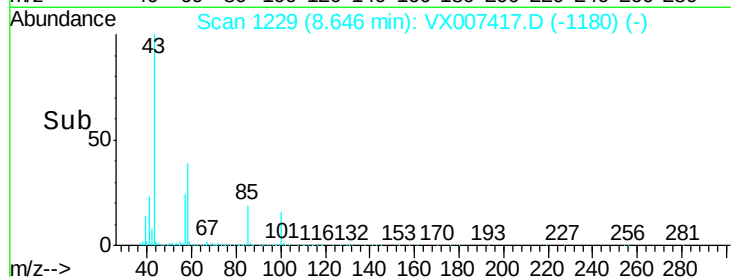
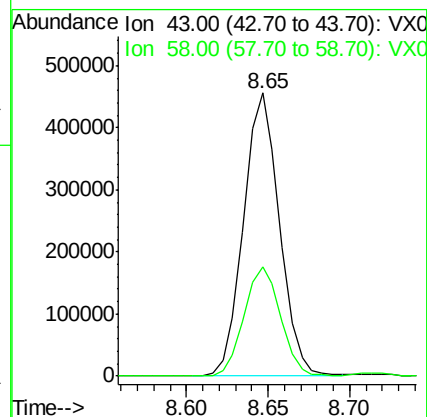
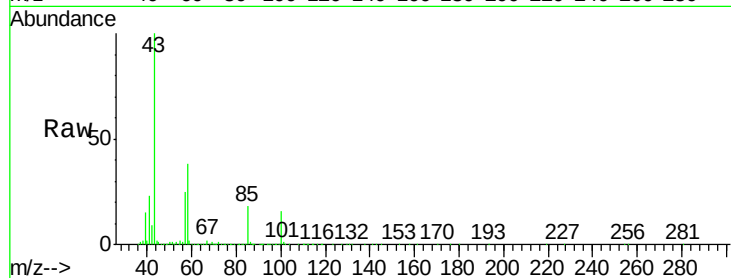
VX0207WBS01

Tot Ion: 43 Resp: 701249

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 19.980 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007417.D

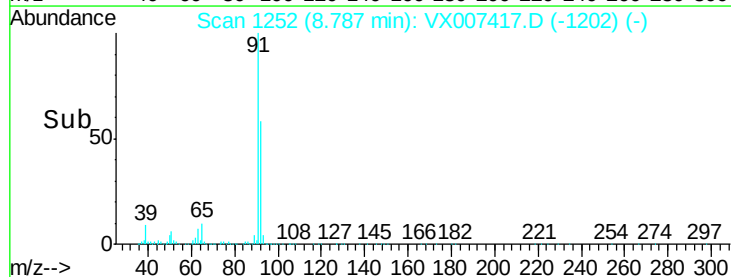
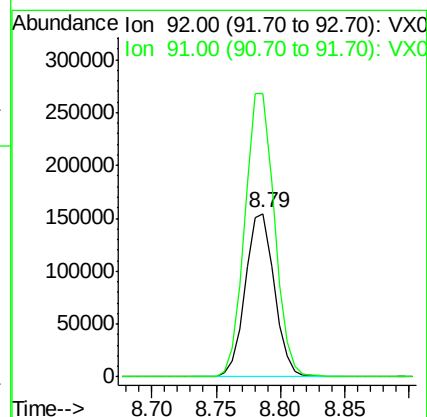
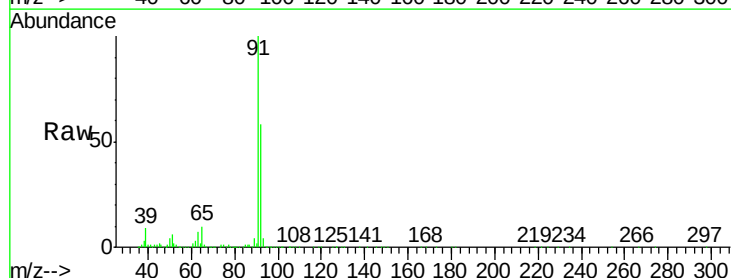
Acq: 07 Feb 2019 11:36

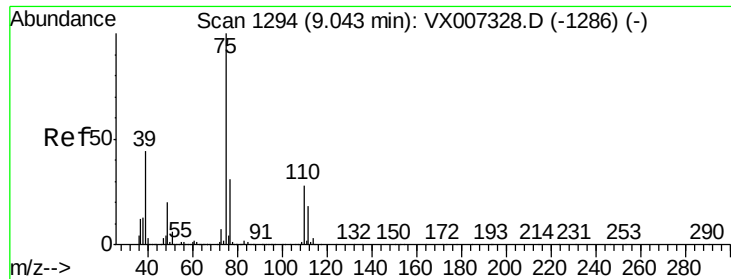
Tgt Ion: 92 Resp: 241571

Ion Ratio Lower Upper

92 100

91 176.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.686 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

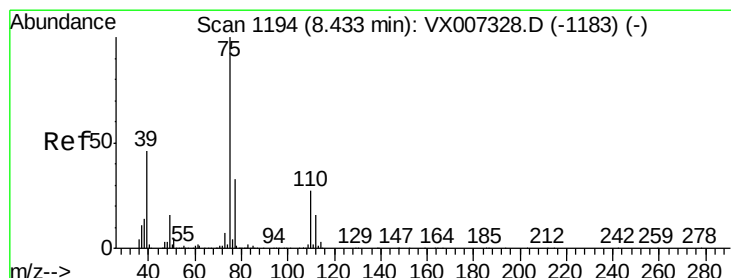
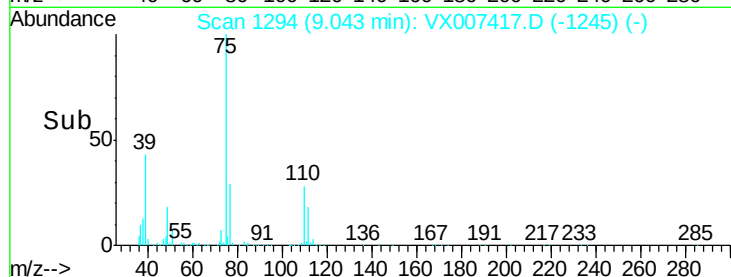
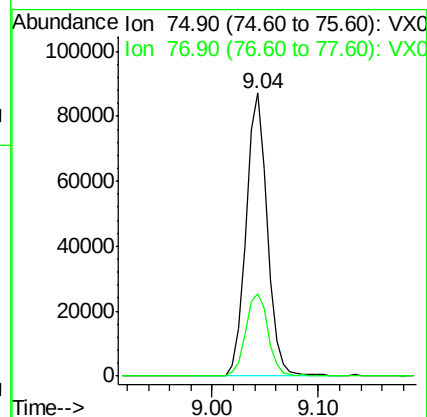
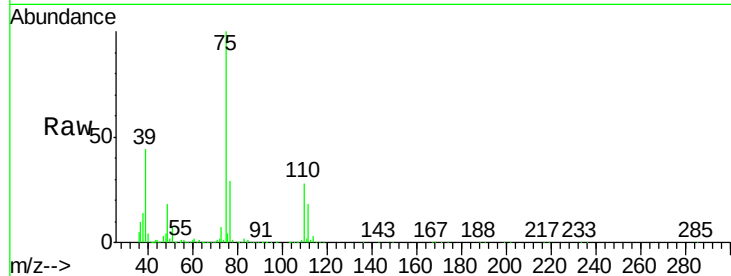
VX0207WBS01

Tot Ion: 75 Resp: 122294

Ion Ratio Lower Upper

75 100

77 28.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.434 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

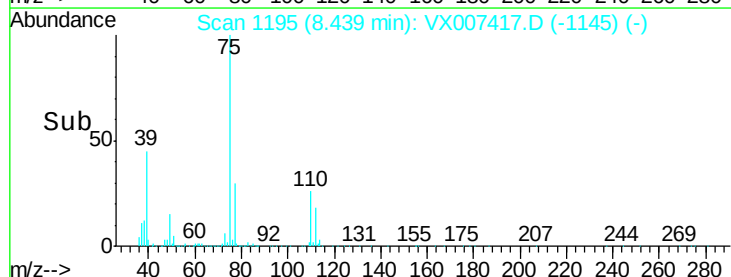
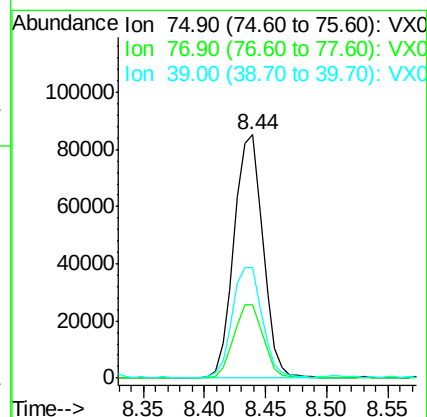
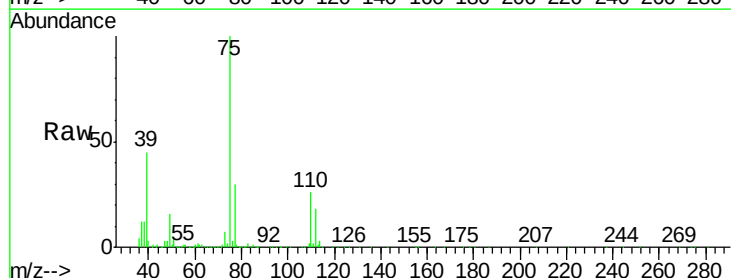
Tgt Ion: 75 Resp: 139598

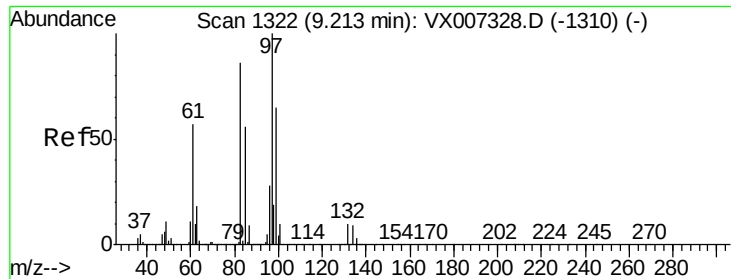
Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.4

39 45.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.315 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

VX0207WBS01

Tot Ion: 97 Resp: 102384

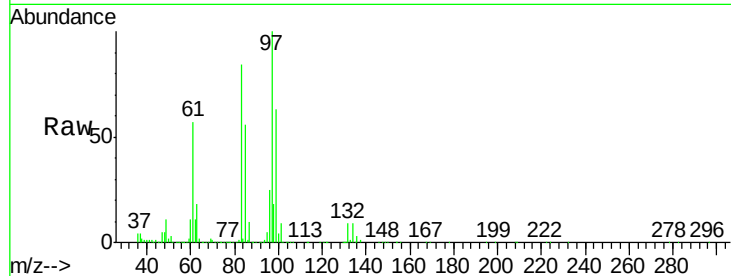
Ion Ratio Lower Upper

97 100

83 83.8 68.6 102.8

85 55.3 44.5 66.7

99 63.1 52.2 78.4

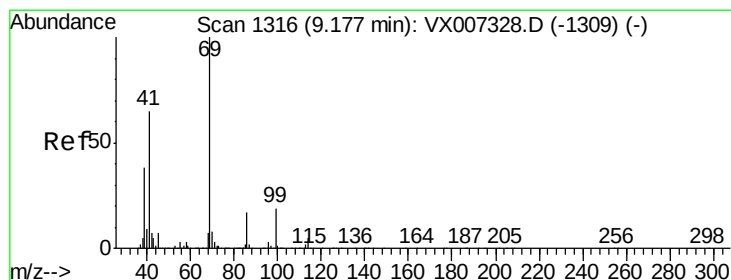
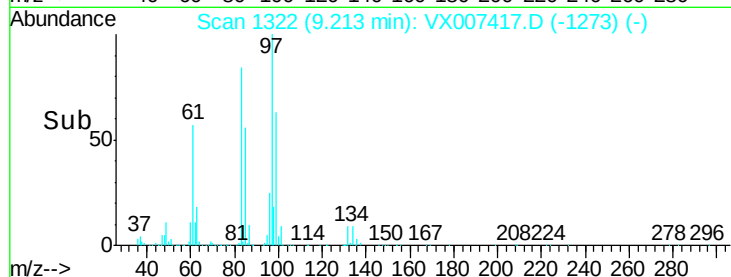
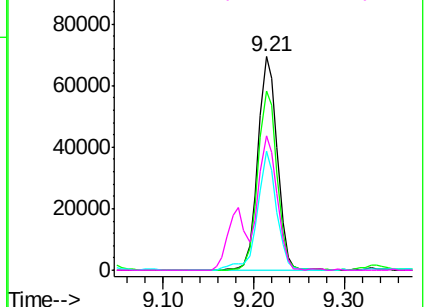


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.582 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

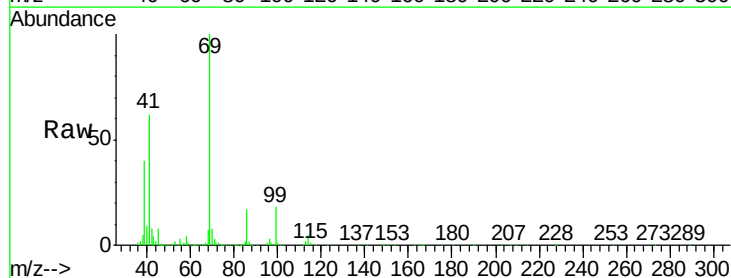
Tgt Ion: 69 Resp: 143673

Ion Ratio Lower Upper

69 100

41 61.4 52.1 78.1

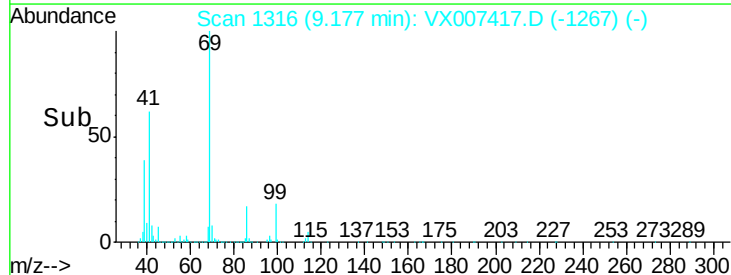
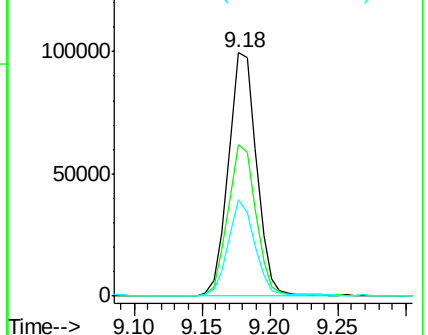
39 37.2 30.1 45.1

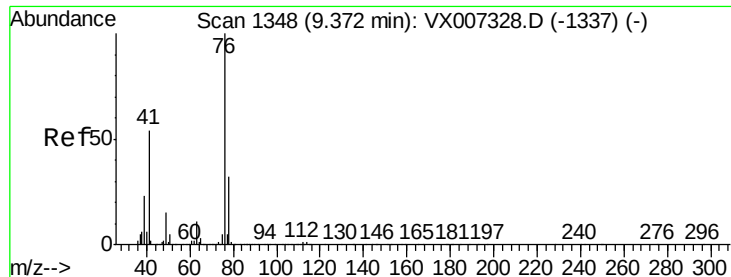


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.969 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

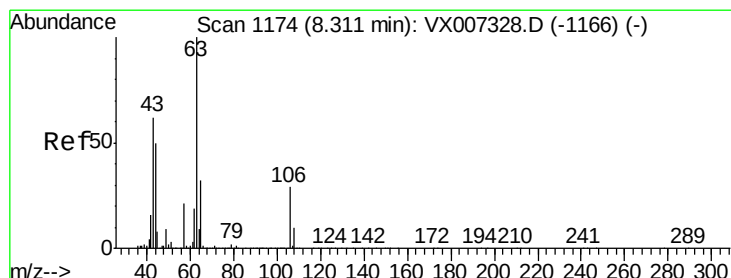
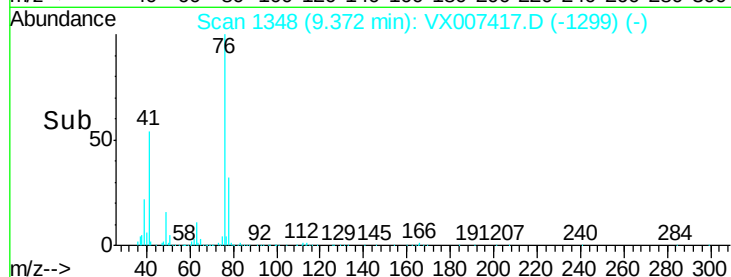
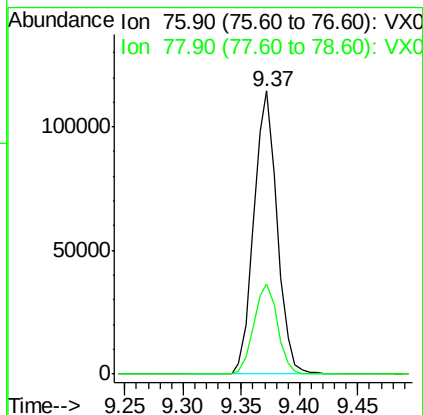
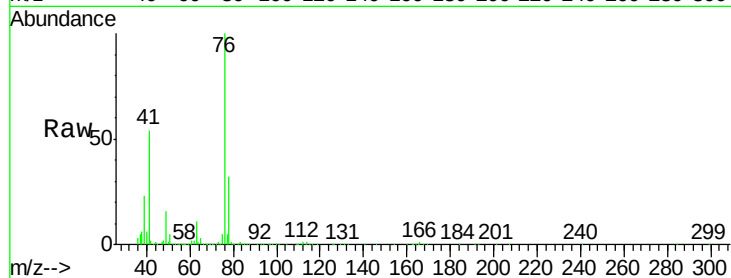
VX0207WBS01

Tot Ion: 76 Resp: 160051

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.888 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007417.D

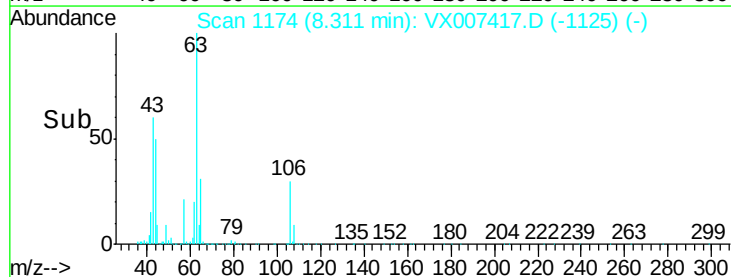
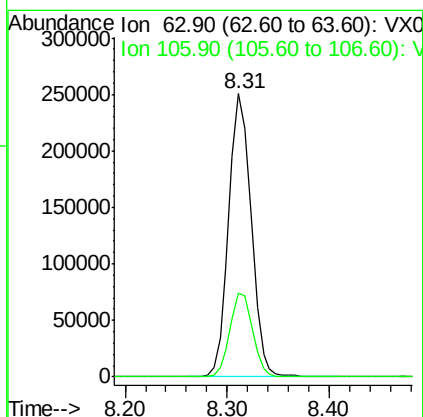
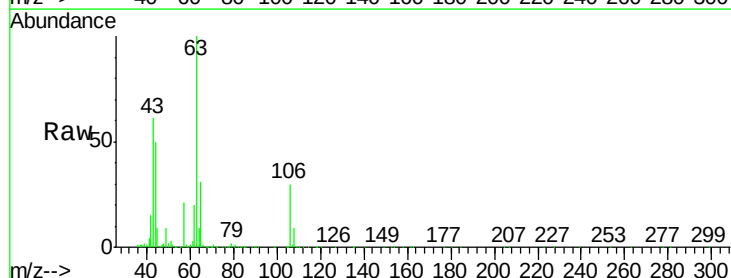
Acq: 07 Feb 2019 11:36

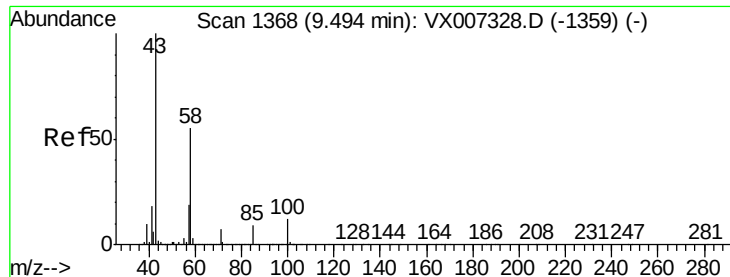
Tgt Ion: 63 Resp: 382227

Ion Ratio Lower Upper

63 100

106 30.3 23.6 35.4

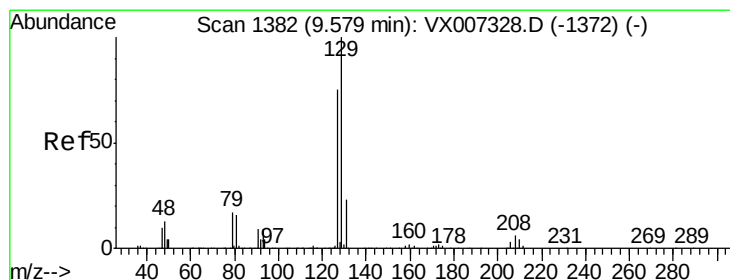
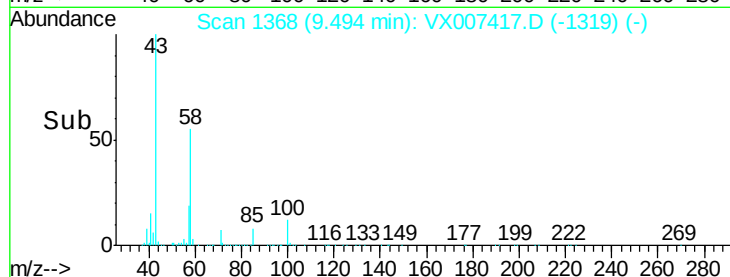
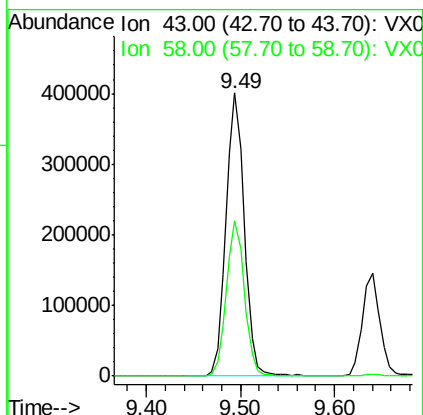
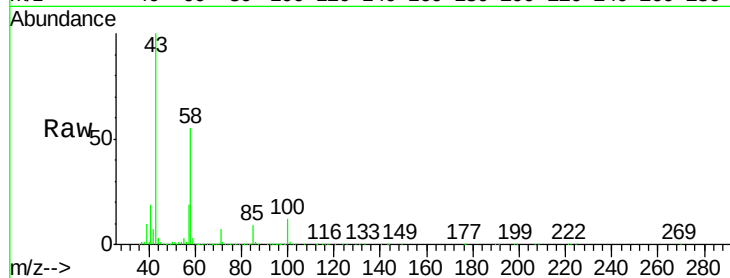




#59
2-Hexanone
Concen: 106.832 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

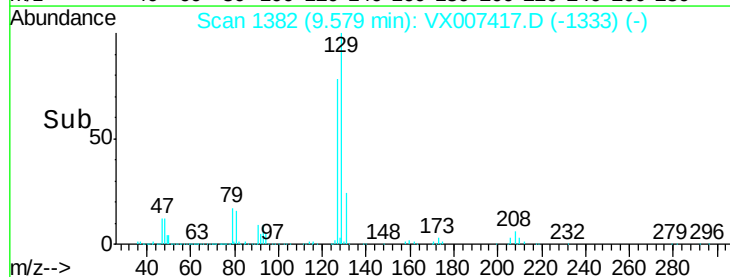
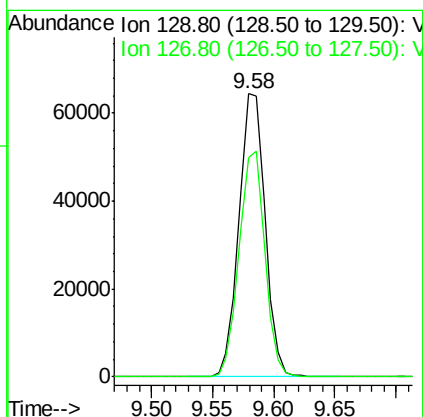
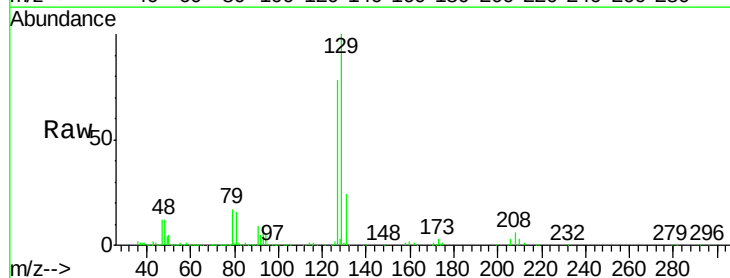
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

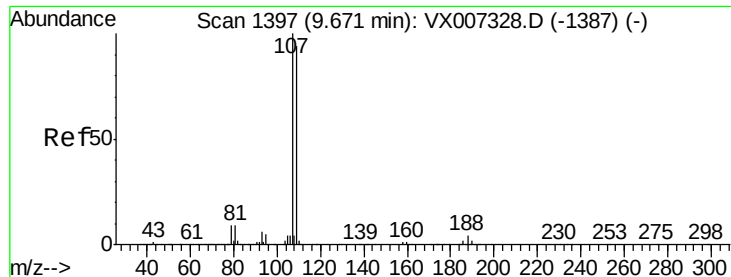
Tot Ion: 43 Resp: 543234
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 20.071 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 129 Resp: 95670
Ion Ratio Lower Upper
129 100
127 78.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.734 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

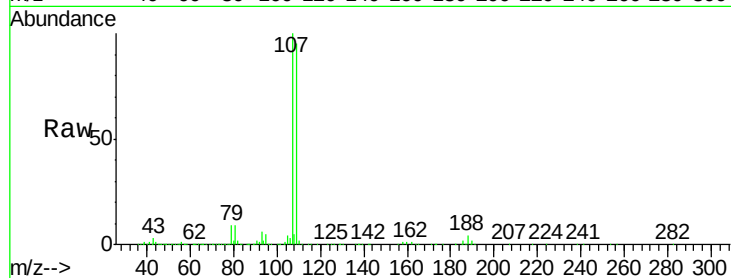
VX0207WBS01

Tot Ion:107 Resp: 110665

Ion Ratio Lower Upper

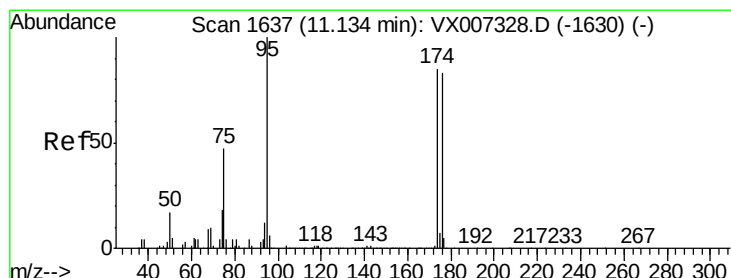
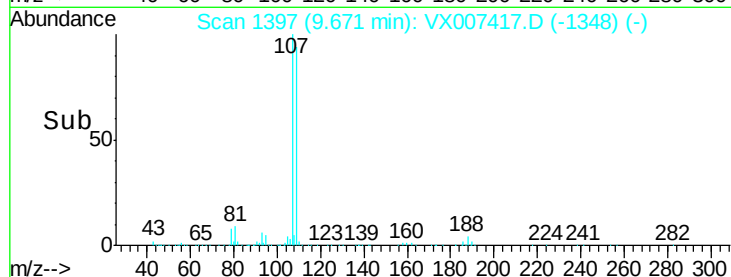
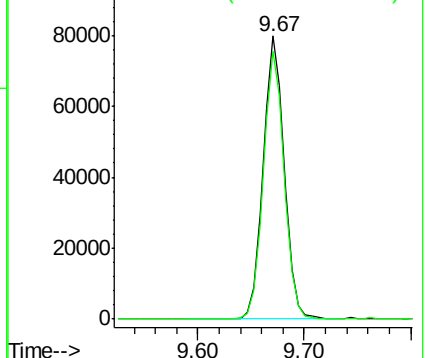
107 100

109 93.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

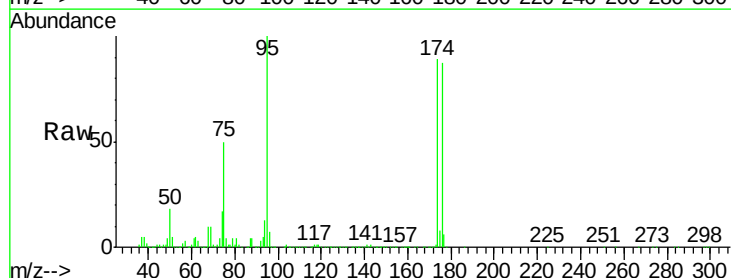
Tgt Ion: 95 Resp: 296173

Ion Ratio Lower Upper

95 100

174 95.5 0.0 189.2

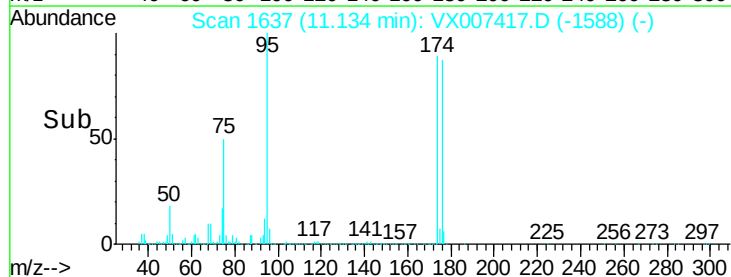
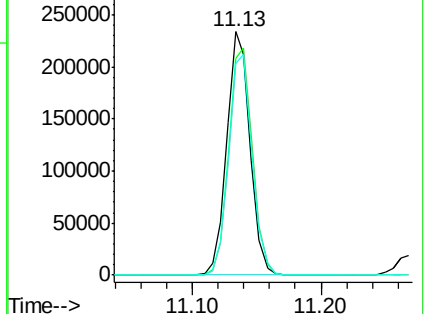
176 91.9 0.0 186.2

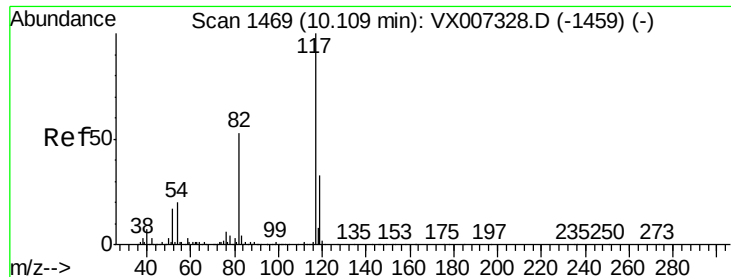


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

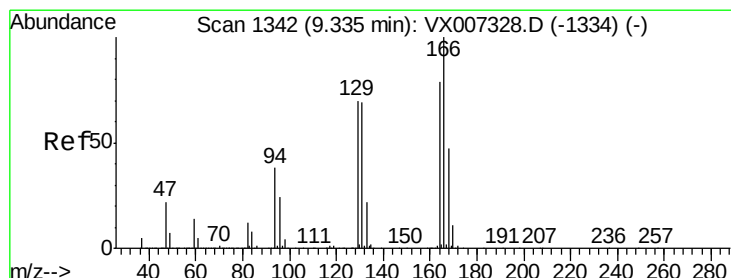
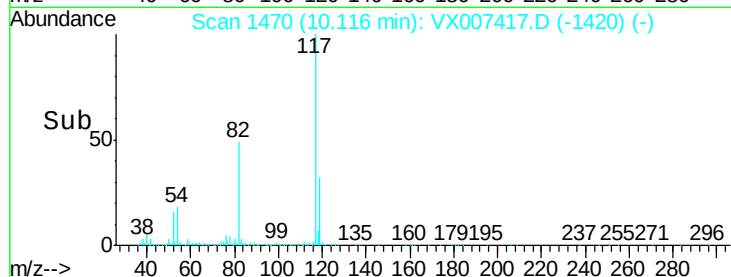
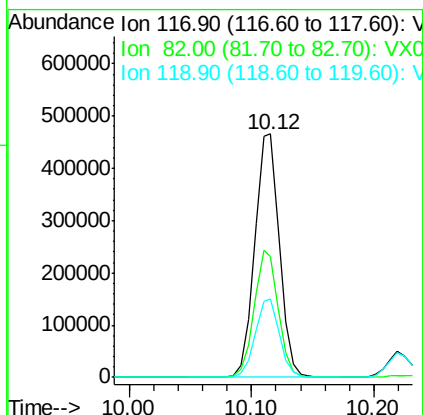
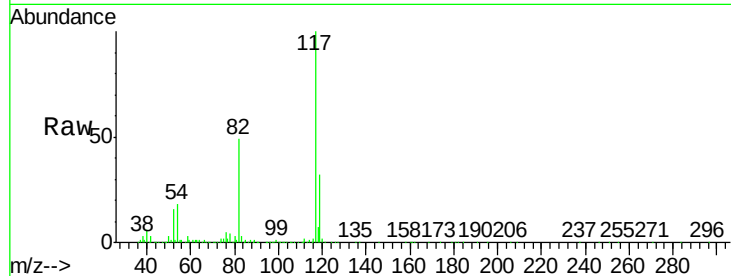




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

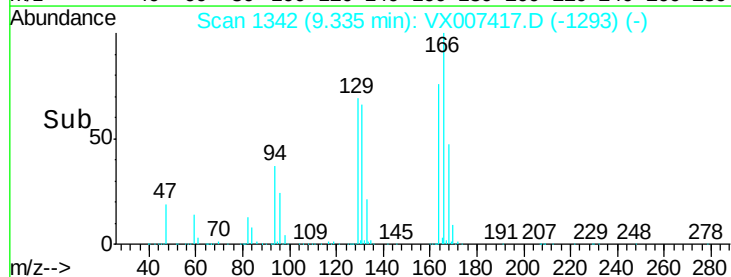
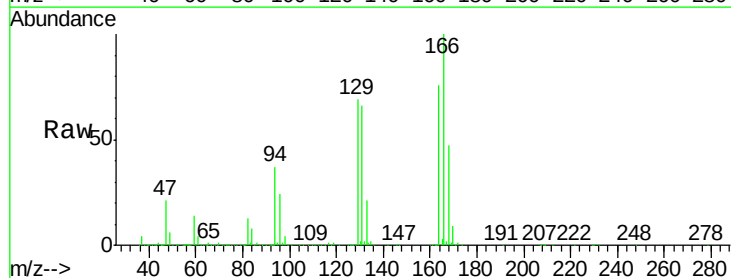
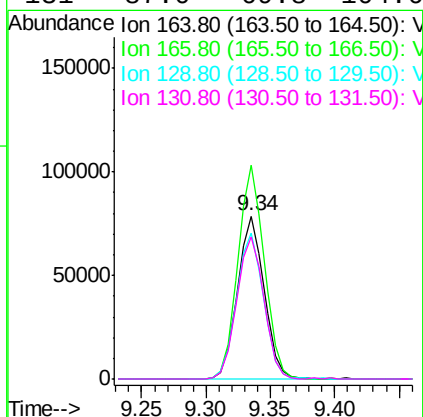
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

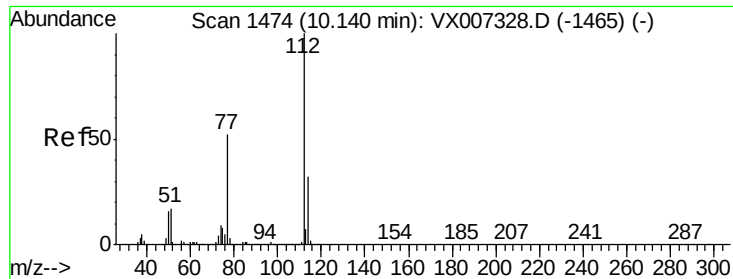
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.1	63.1
119	32.3	26.5	39.7



#64
Tetrachloroethene
Concen: 18.320 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	101.0	151.4
129	89.7	70.5	105.7
131	87.0	69.8	104.6

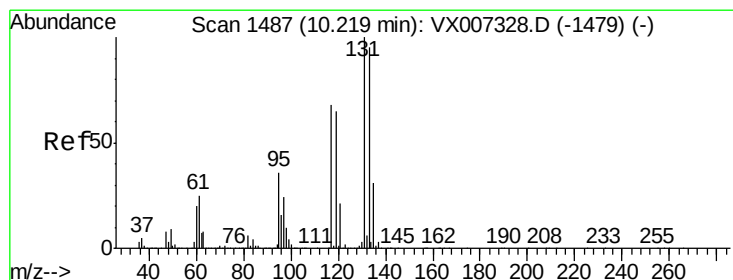
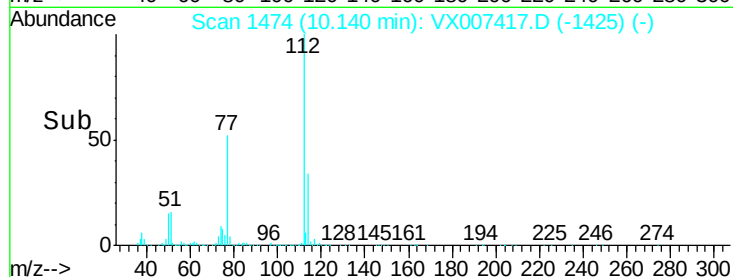
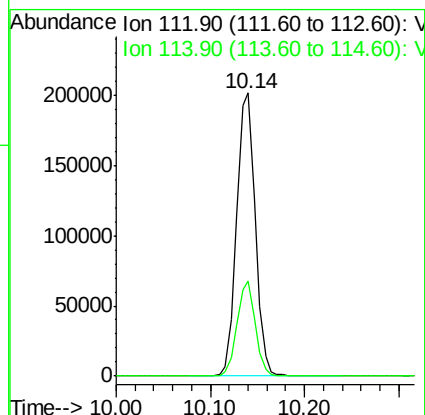
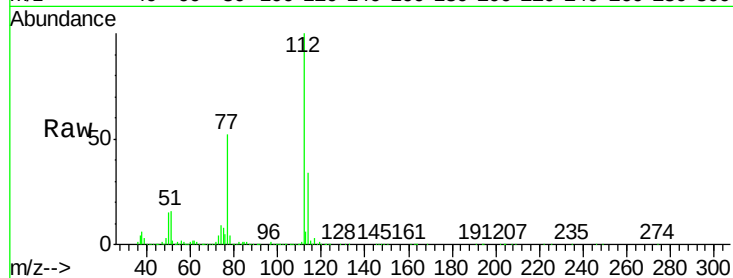




#65
Chlorobenzene
Concen: 19.316 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

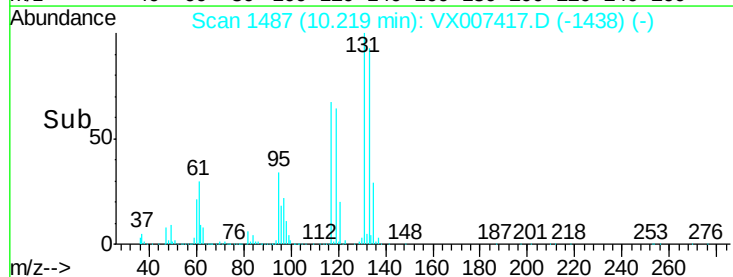
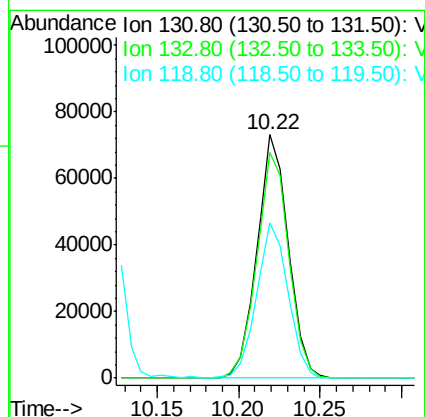
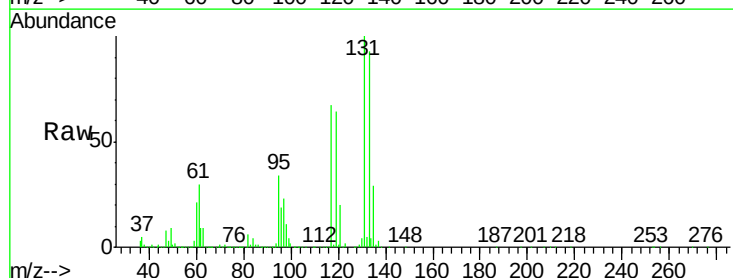
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

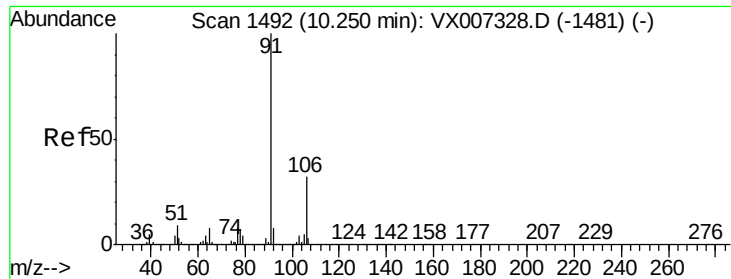
Tot Ion:112 Resp: 276463
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.316 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion:131 Resp: 97486
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 19.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

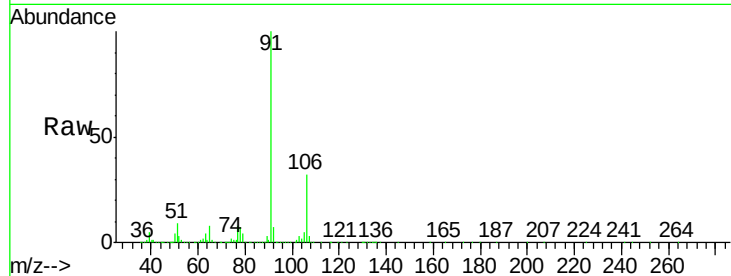
VX0207WBS01

Tot Ion: 91 Resp: 454624

Ion Ratio Lower Upper

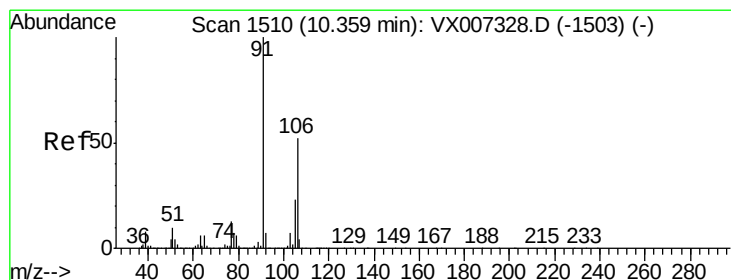
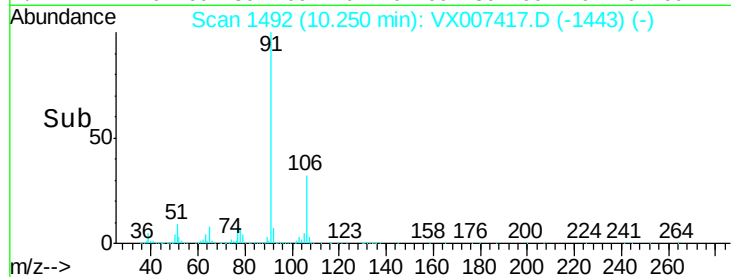
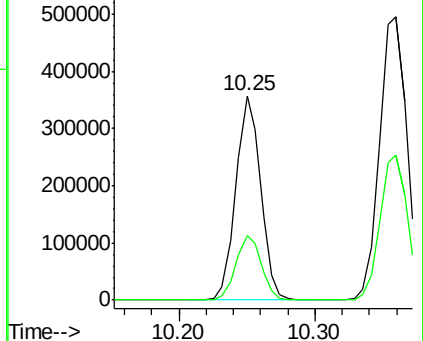
91 100

106 31.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.936 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007417.D

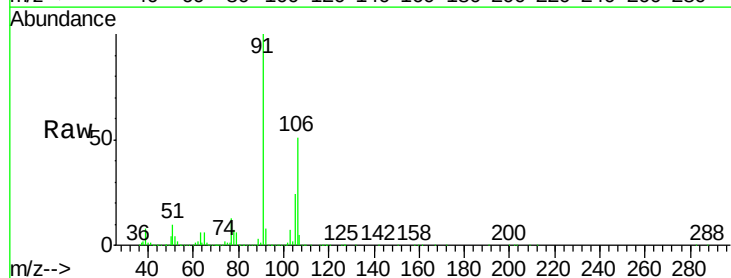
Acq: 07 Feb 2019 11:36

Tgt Ion: 106 Resp: 356732

Ion Ratio Lower Upper

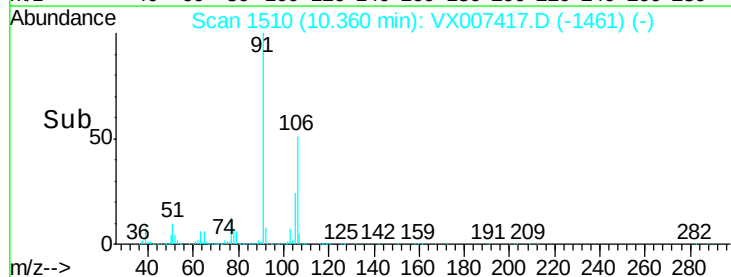
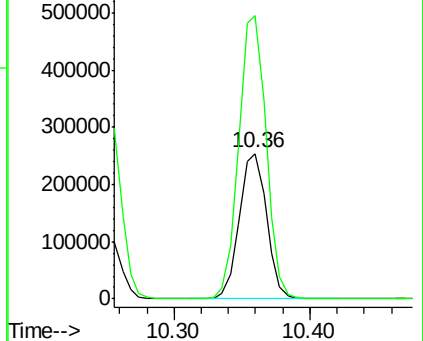
106 100

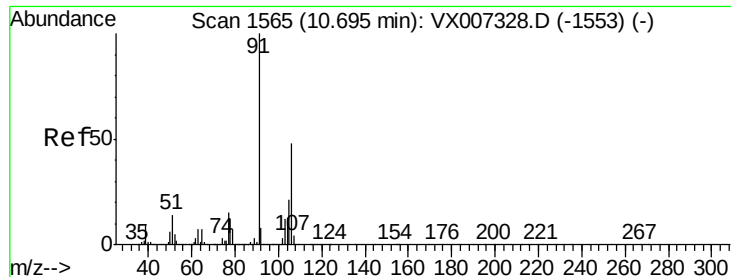
91 194.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

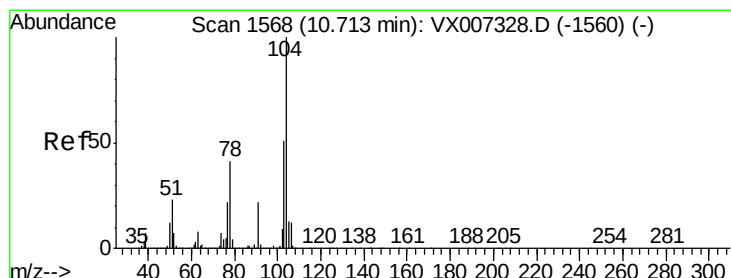
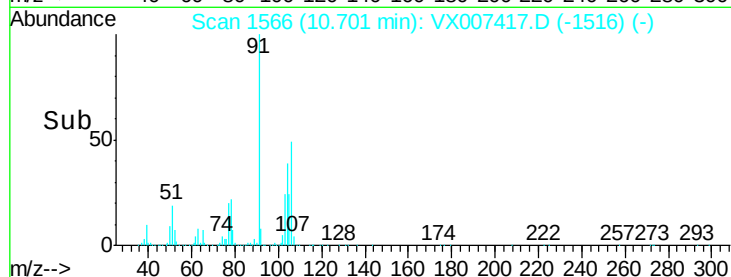
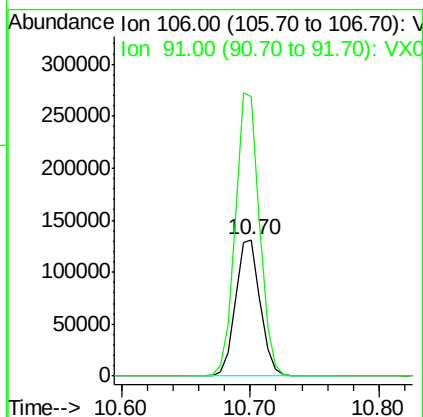
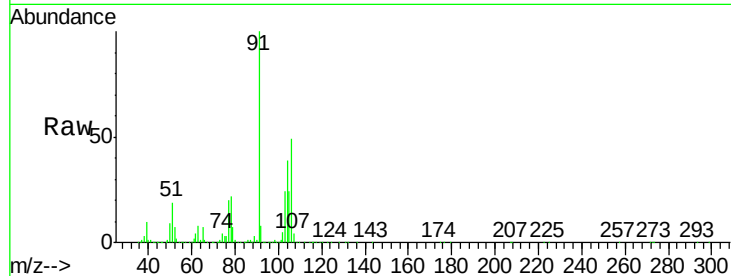




#69
o-Xylene
Concen: 19.769 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

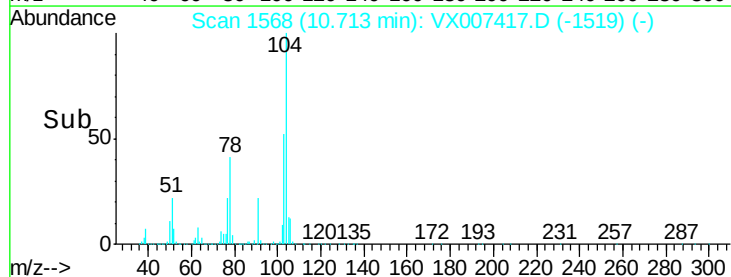
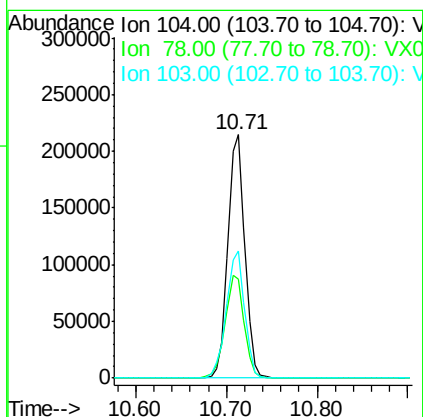
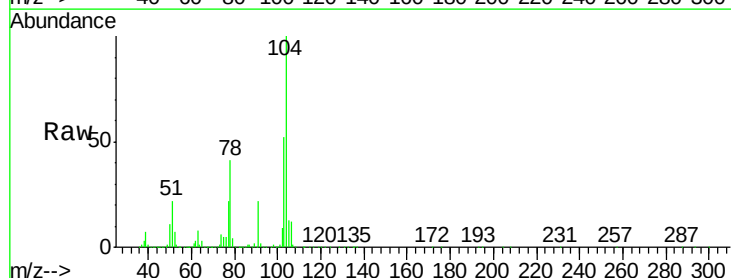
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

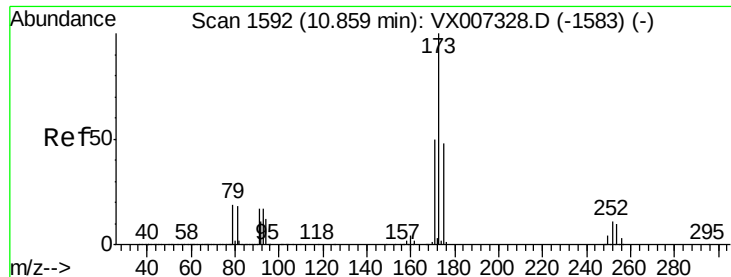
Tot Ion:106 Resp: 174283
Ion Ratio Lower Upper
106 100
91 204.7 102.9 308.7



#70
Styrene
Concen: 19.635 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion:104 Resp: 280734
Ion Ratio Lower Upper
104 100
78 47.2 38.3 57.5
103 56.4 44.6 67.0





#71

Bromoform

Concen: 19.337 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

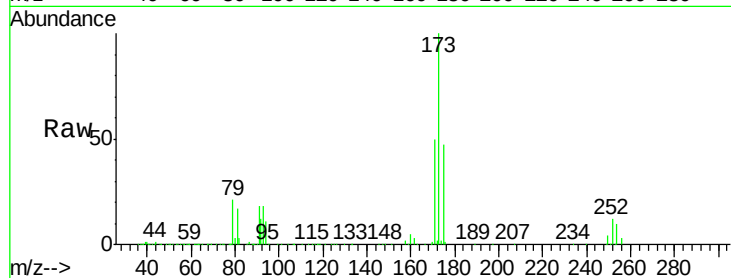
Tot Ion:173 Resp: 70072

Ion Ratio Lower Upper

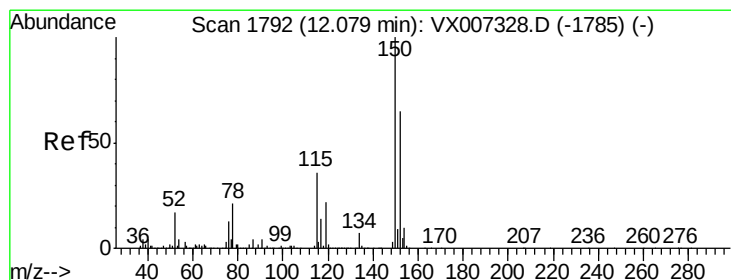
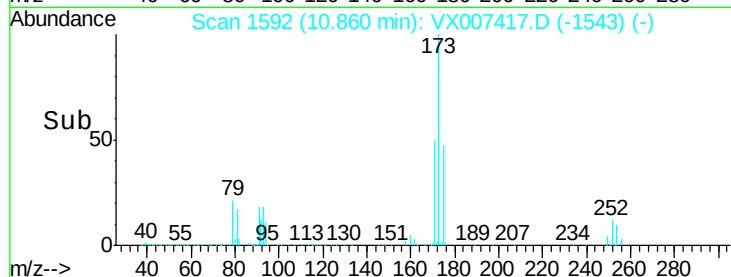
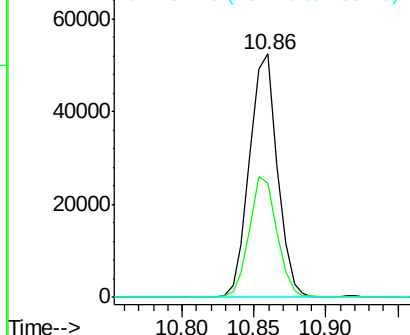
173 100

175 49.1 24.2 72.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

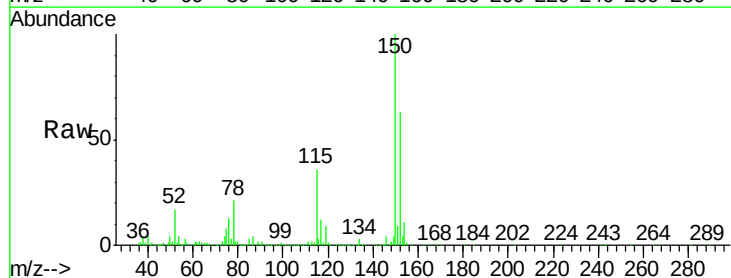
Tgt Ion:152 Resp: 331229

Ion Ratio Lower Upper

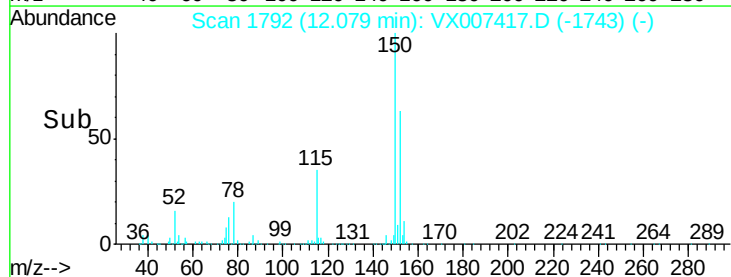
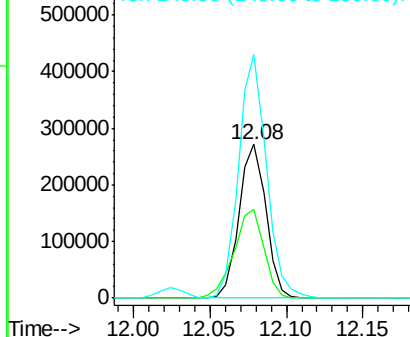
152 100

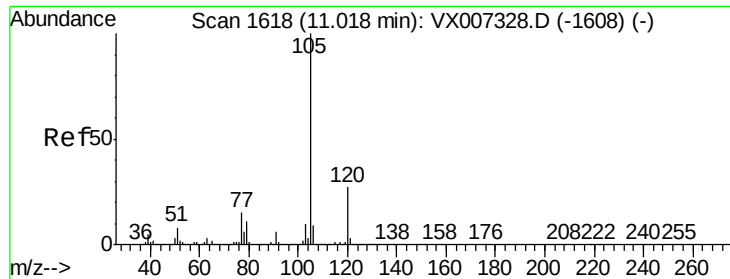
115 64.3 38.0 114.0

150 163.6 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: 20.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

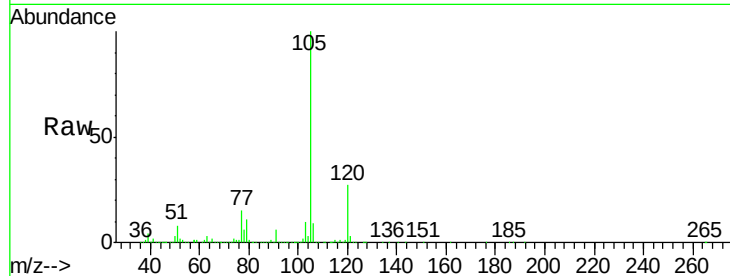
VX0207WBS01

Tot Ion:105 Resp: 470734

Ion Ratio Lower Upper

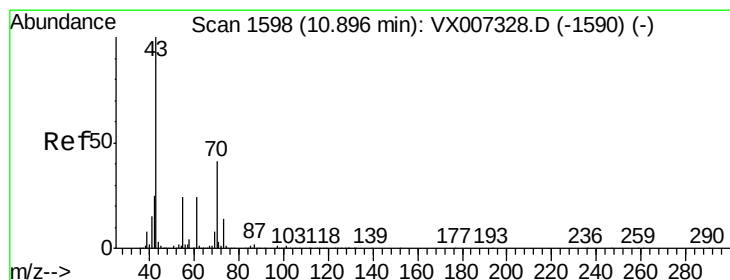
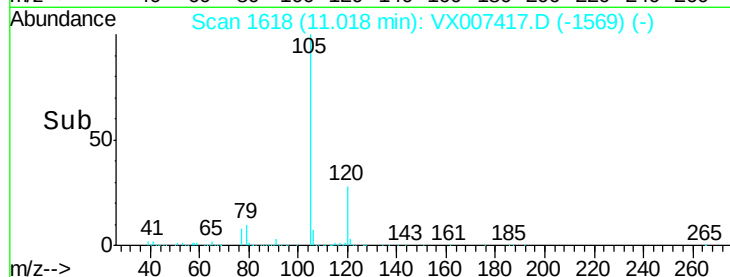
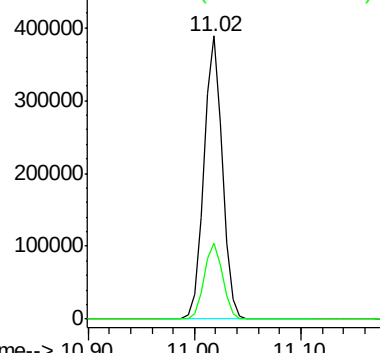
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.563 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Tgt Ion: 43 Resp: 179026

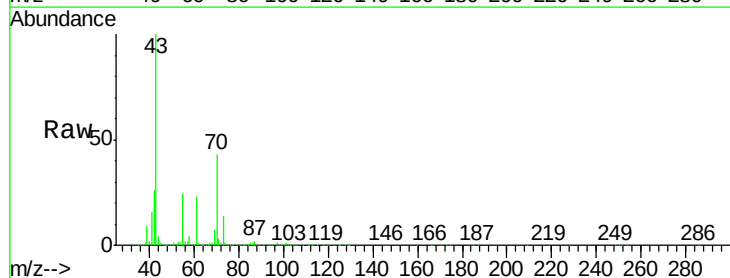
Ion Ratio Lower Upper

43 100

70 44.0 33.8 50.6

55 25.4 19.5 29.3

61 24.7 19.4 29.2

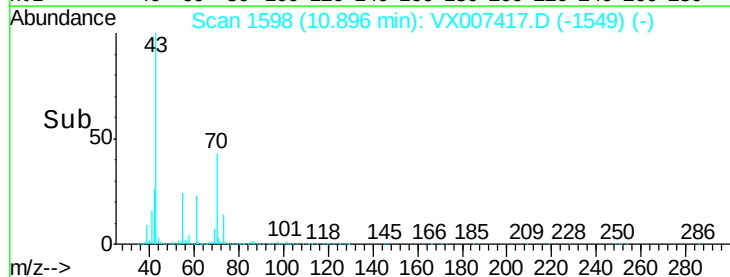
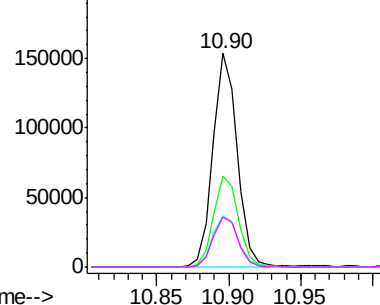


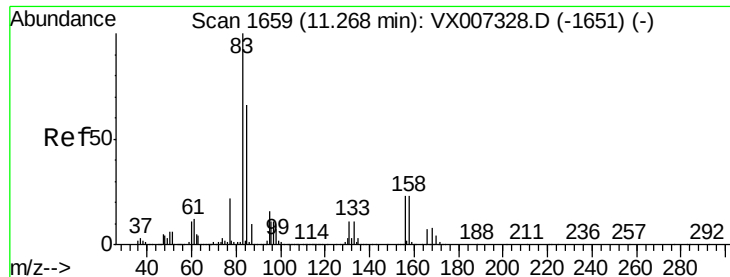
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

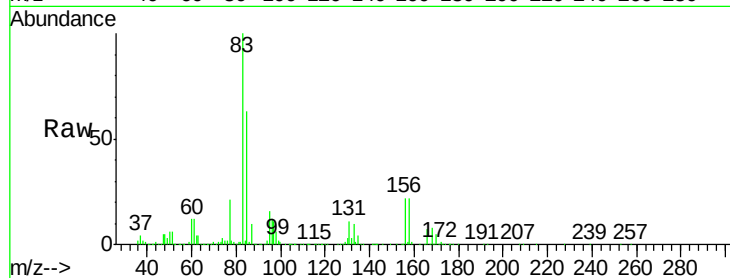
Tot Ion: 83 Resp: 148920

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

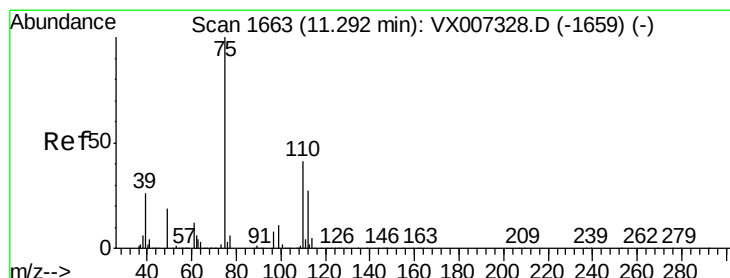
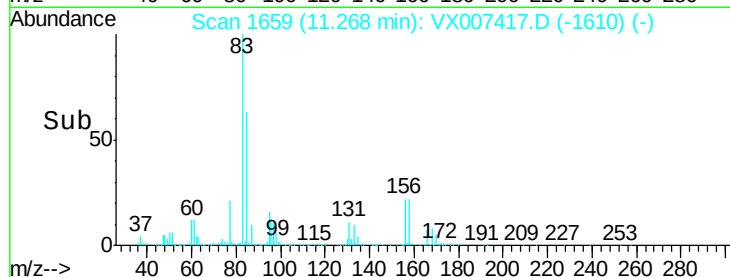
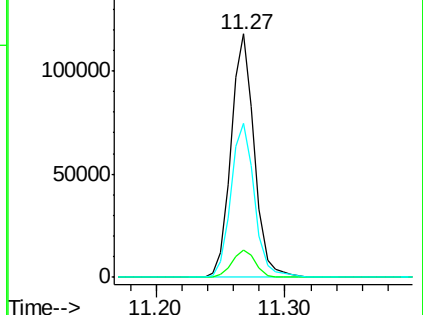
85 64.6 32.8 98.3



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: 25.476 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007417.D

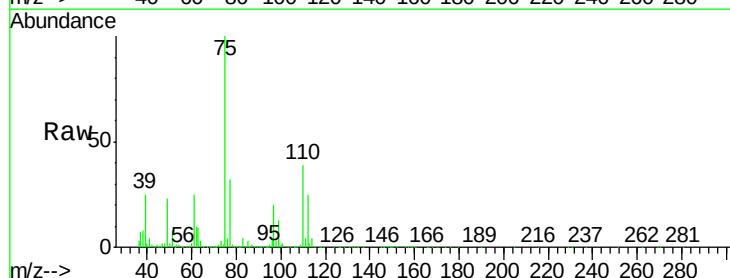
Acq: 07 Feb 2019 11:36

Tgt Ion: 75 Resp: 164136

Ion Ratio Lower Upper

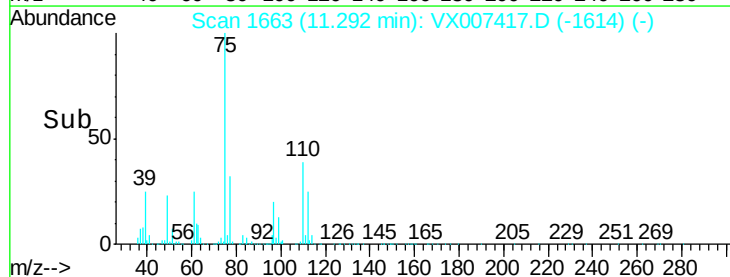
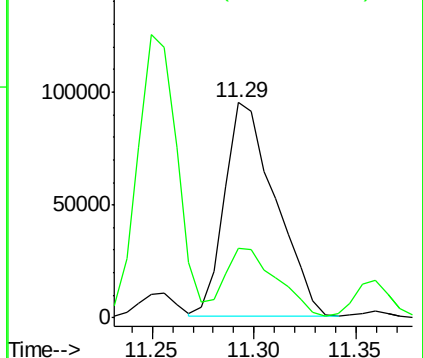
75 100

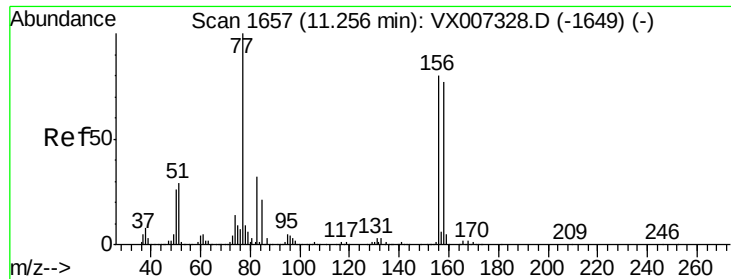
77 33.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.108 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

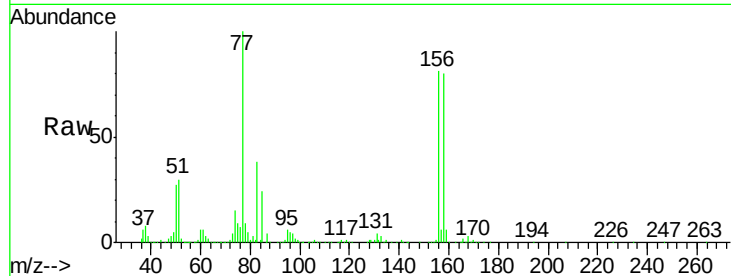
Tot Ion:156 Resp: 127522

Ion Ratio Lower Upper

156 100

77 132.1 66.8 200.6

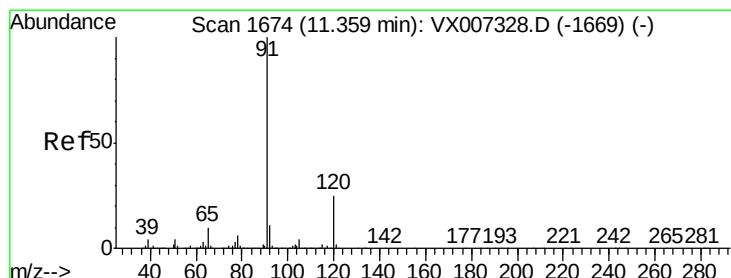
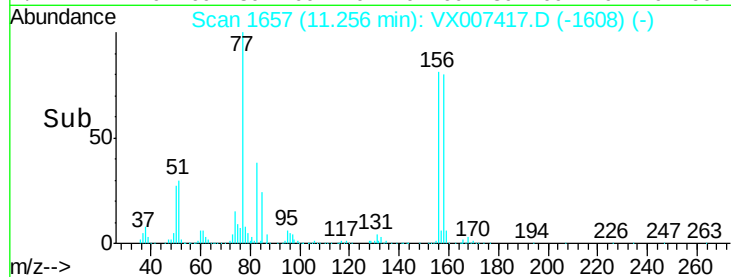
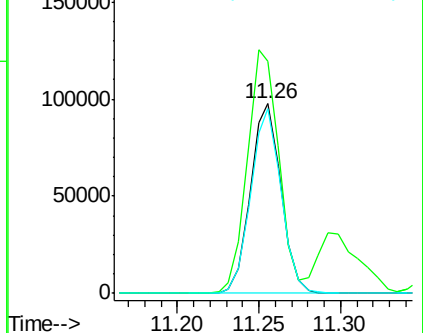
158 96.7 47.9 143.8



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: 20.797 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007417.D

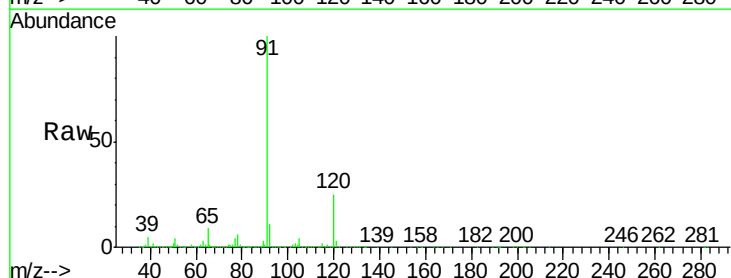
Acq: 07 Feb 2019 11:36

Tgt Ion: 91 Resp: 513314

Ion Ratio Lower Upper

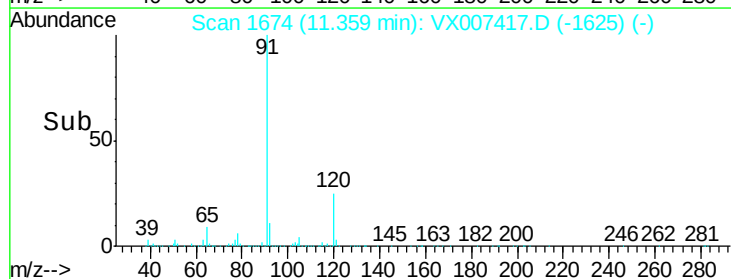
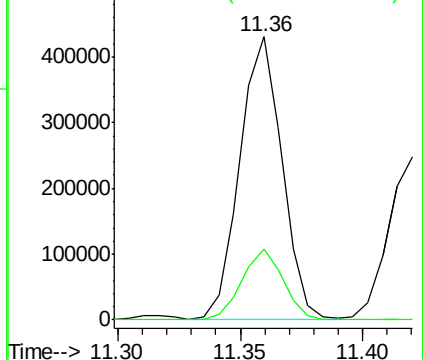
91 100

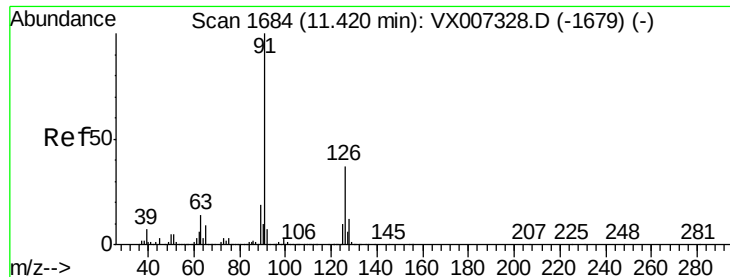
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.347 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampled :

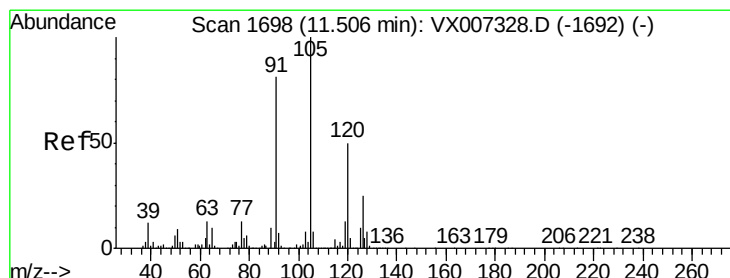
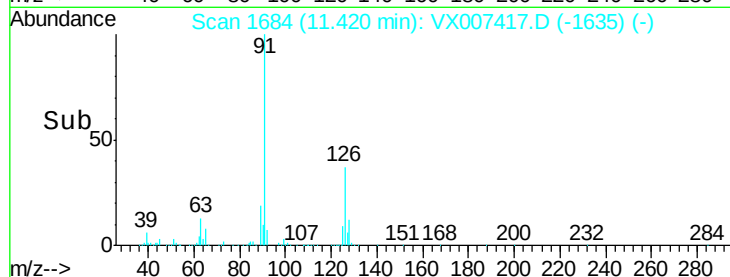
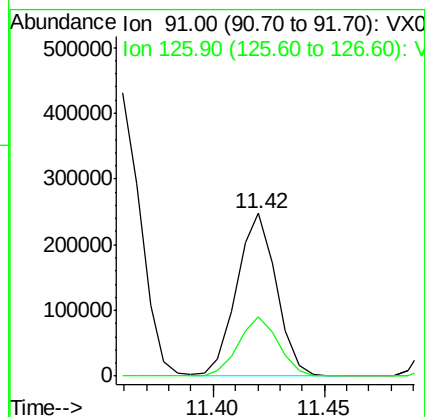
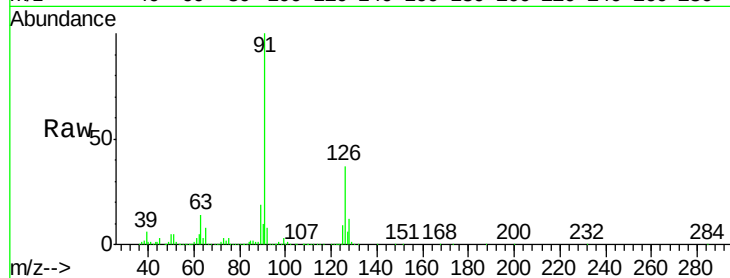
VX0207WBS01

Tot Ion: 91 Resp: 304736

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.526 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007417.D

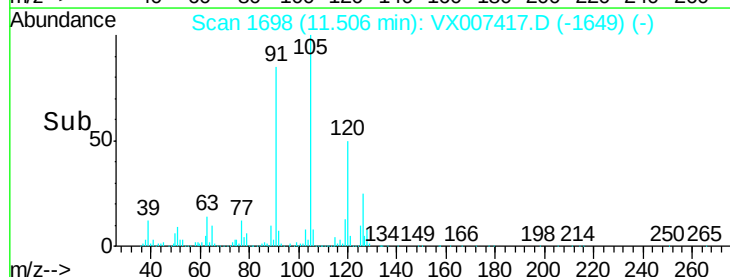
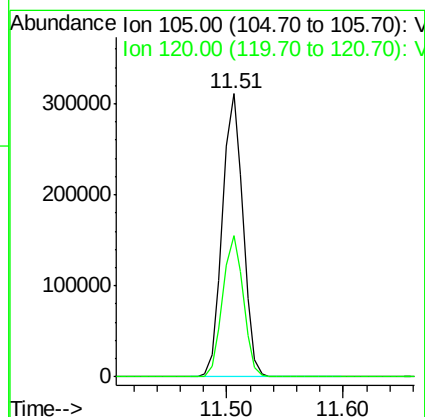
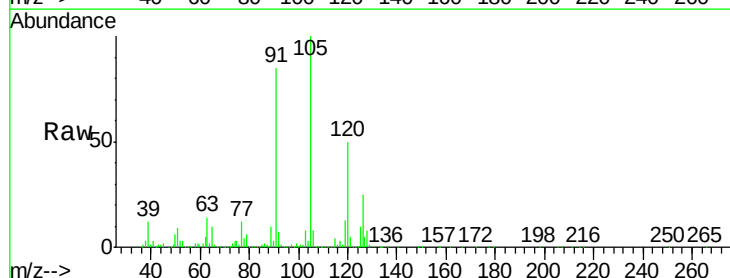
Acq: 07 Feb 2019 11:36

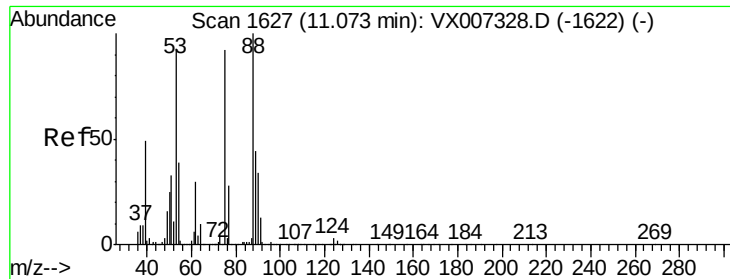
Tgt Ion: 105 Resp: 377979

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.092 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

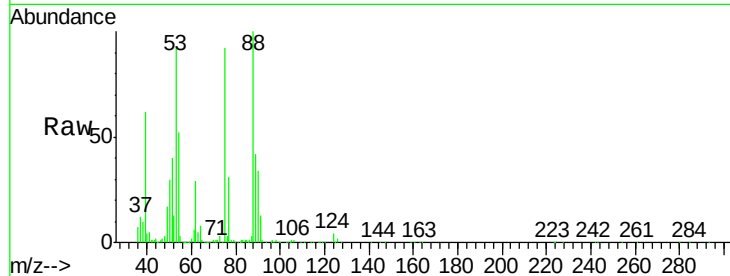
Tot Ion: 75 Resp: 38399

Ion Ratio Lower Upper

75 100

53 106.1 81.0 121.6

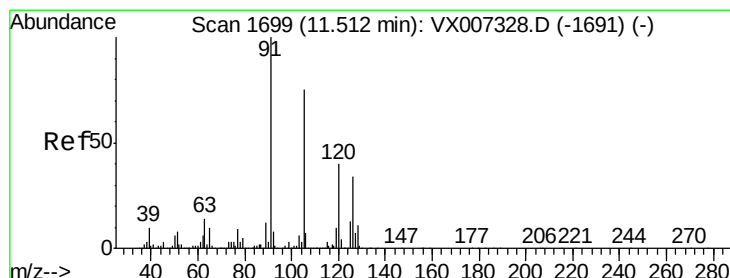
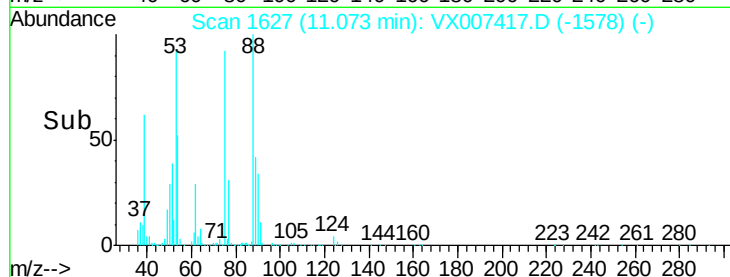
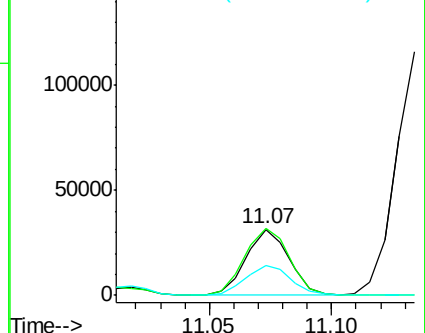
89 48.3 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.106 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007417.D

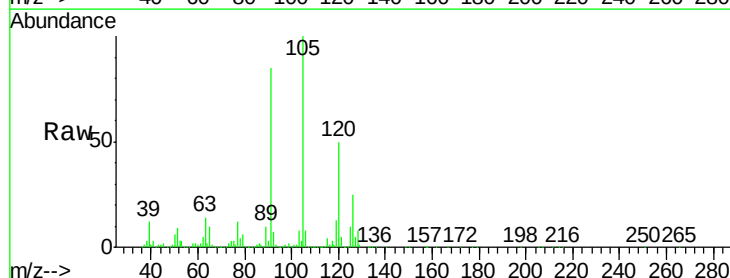
Acq: 07 Feb 2019 11:36

Tgt Ion: 91 Resp: 348433

Ion Ratio Lower Upper

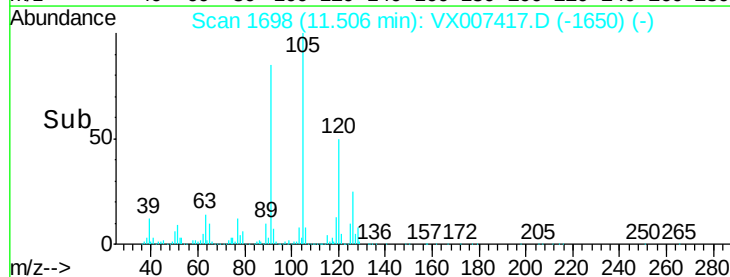
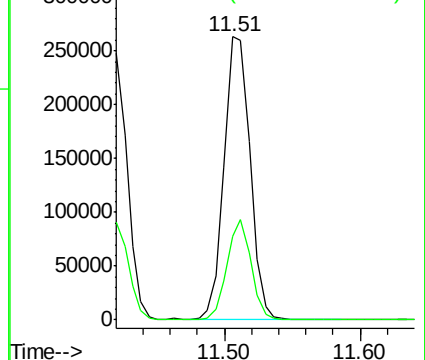
91 100

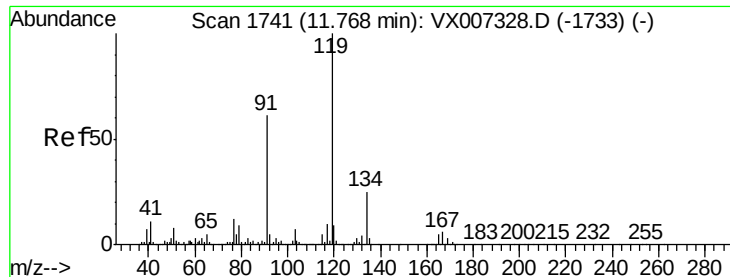
126 33.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.393 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

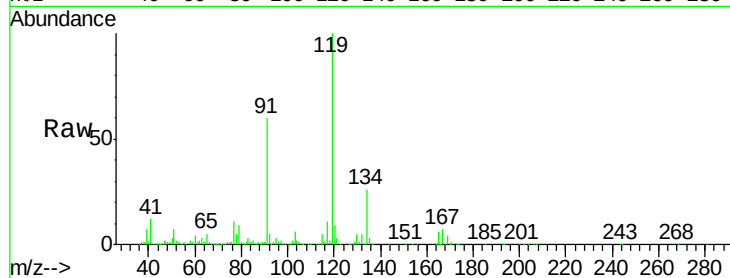
Tot Ion:119 Resp: 371800

Ion Ratio Lower Upper

119 100

91 57.3 28.5 85.6

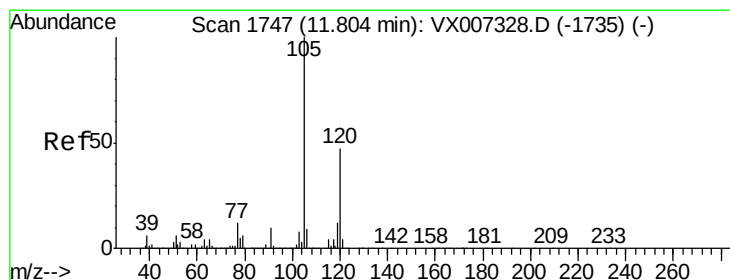
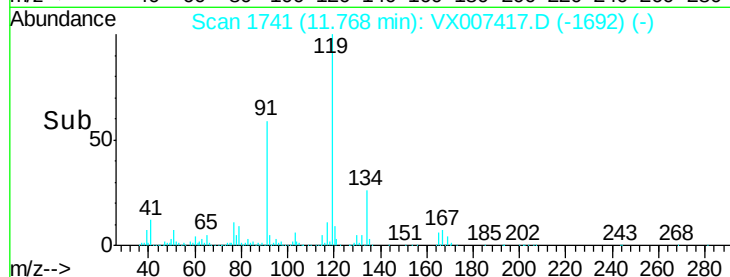
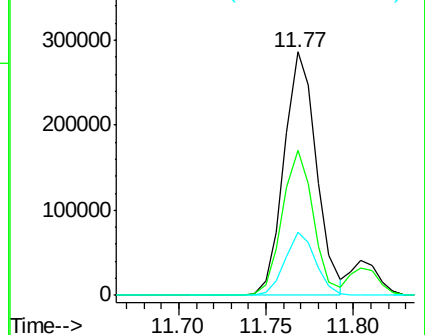
134 24.7 12.0 36.0



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: 21.024 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007417.D

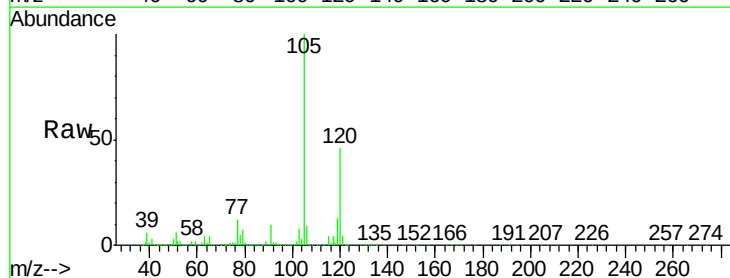
Acq: 07 Feb 2019 11:36

Tgt Ion:105 Resp: 393045

Ion Ratio Lower Upper

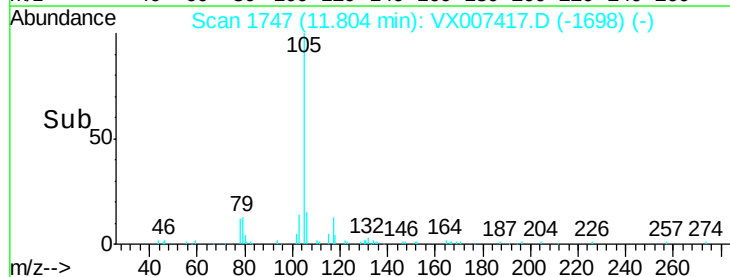
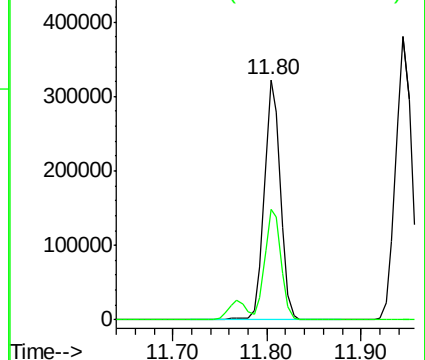
105 100

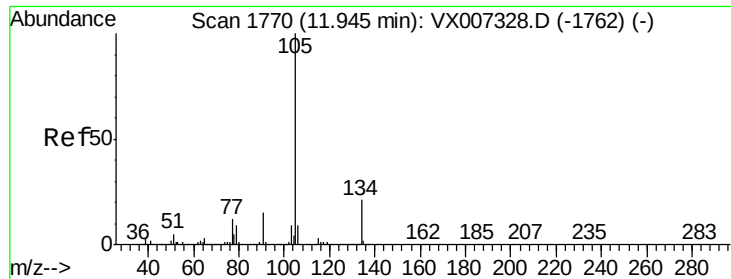
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.614 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

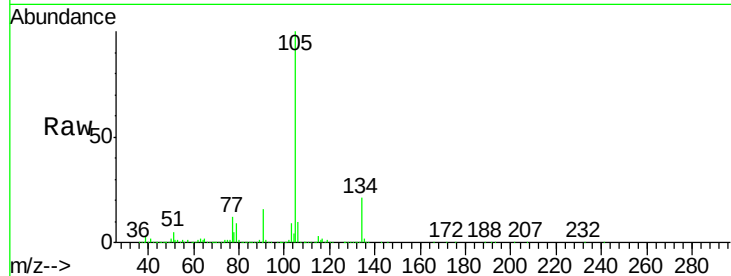
VX0207WBS01

Tot Ion:105 Resp: 454866

Ion Ratio Lower Upper

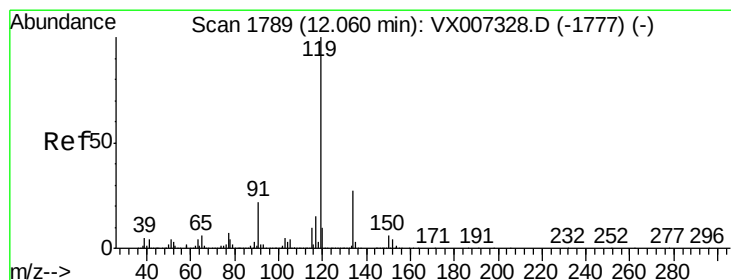
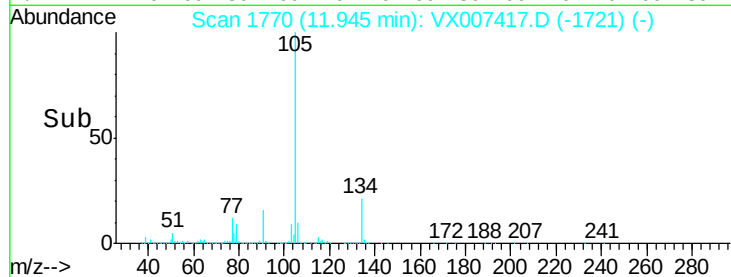
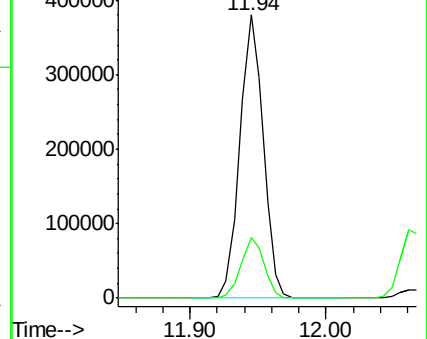
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.254 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

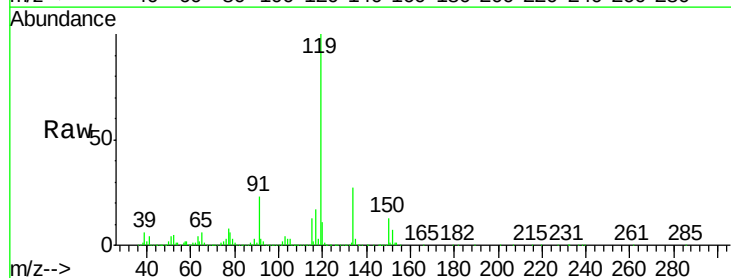
Tgt Ion:119 Resp: 403451

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

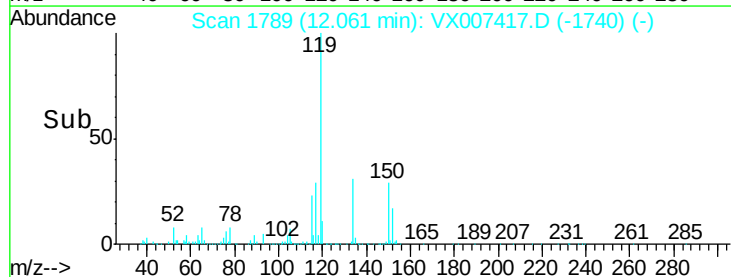
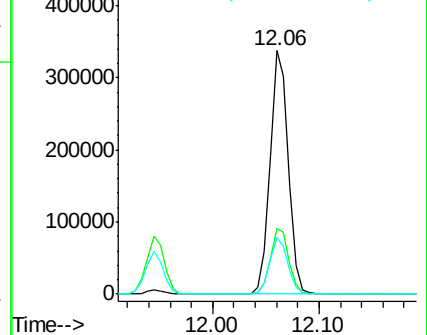
91 23.0 11.2 33.5

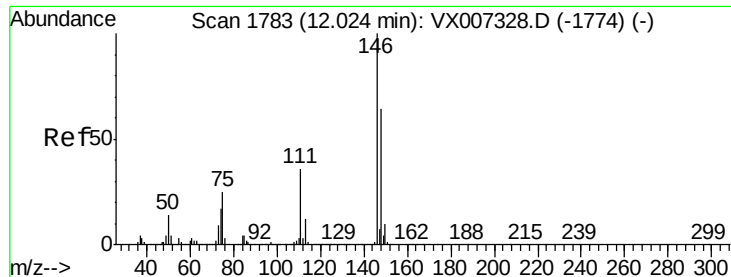


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.513 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

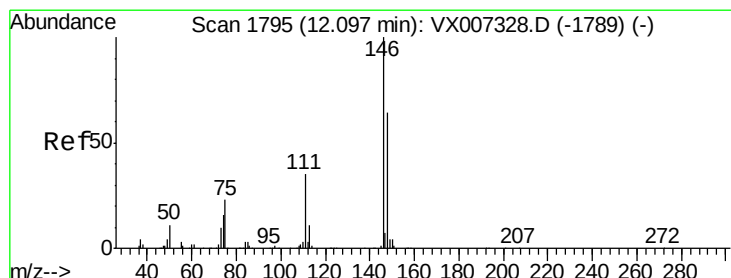
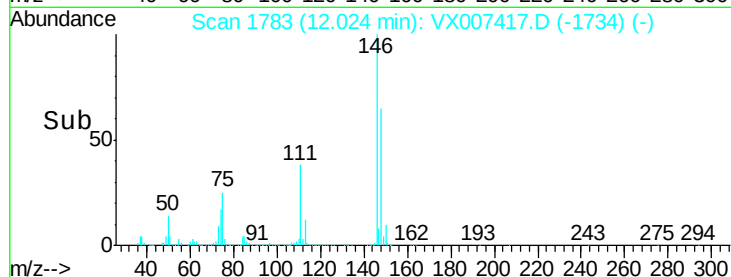
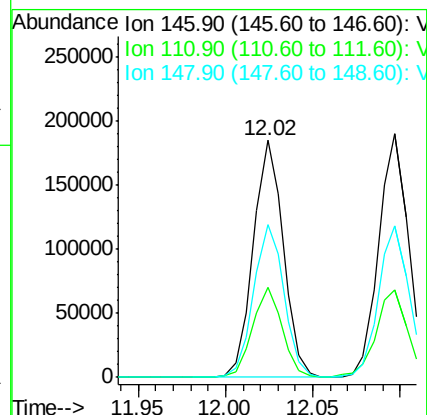
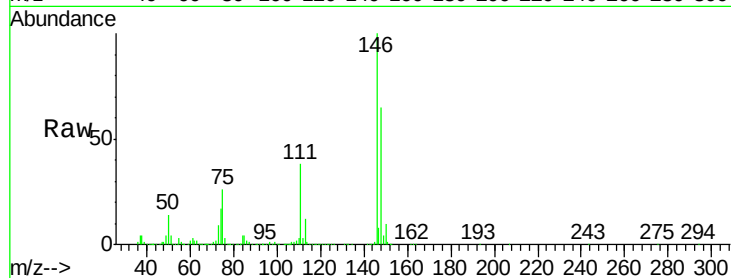
Tot Ion:146 Resp: 222096

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

148 65.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.522 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

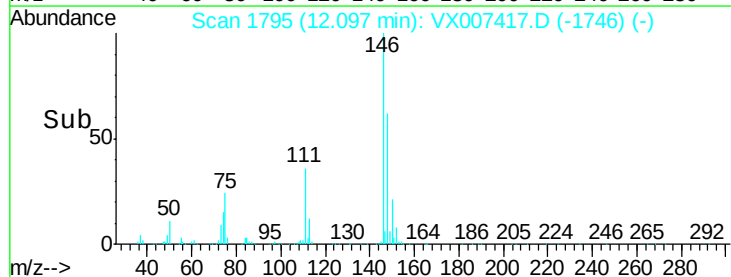
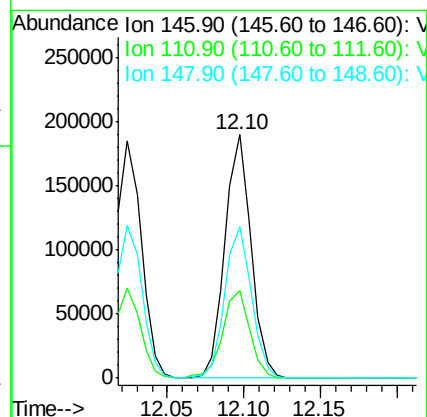
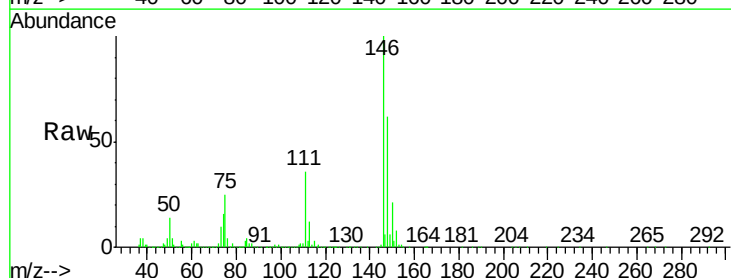
Tgt Ion:146 Resp: 225428

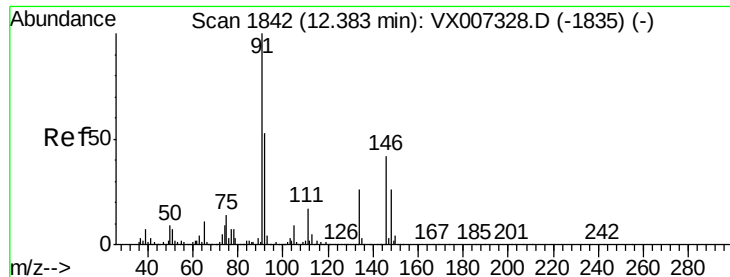
Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

148 63.5 32.3 96.9

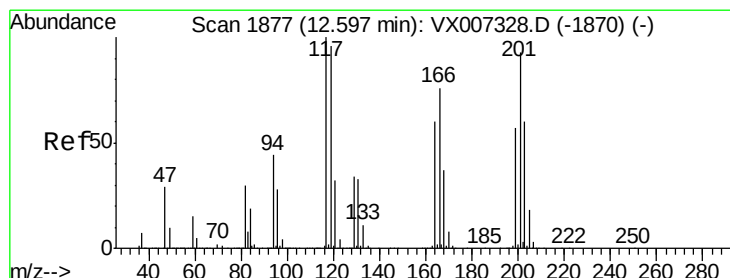
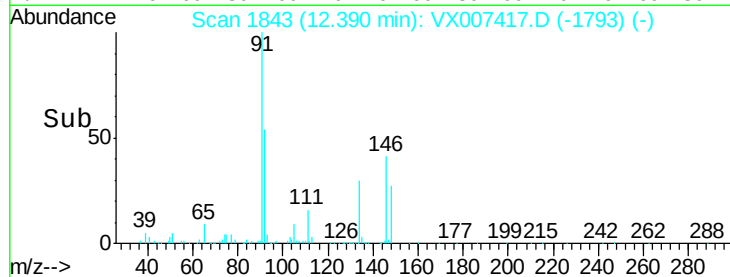
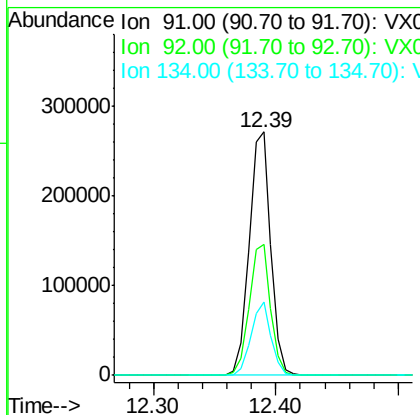
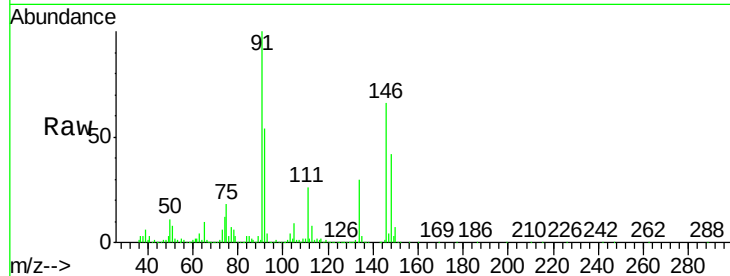




#89
n-Butylbenzene
Concen: 19.441 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

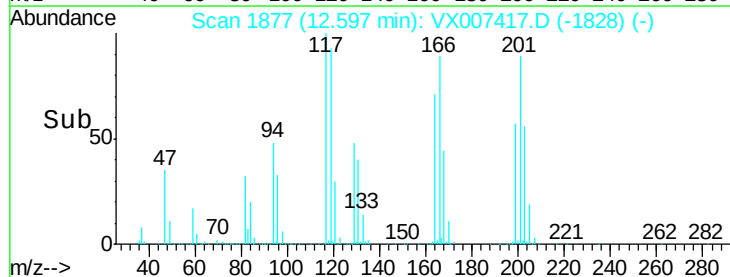
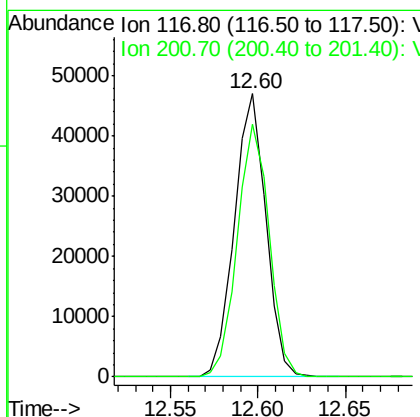
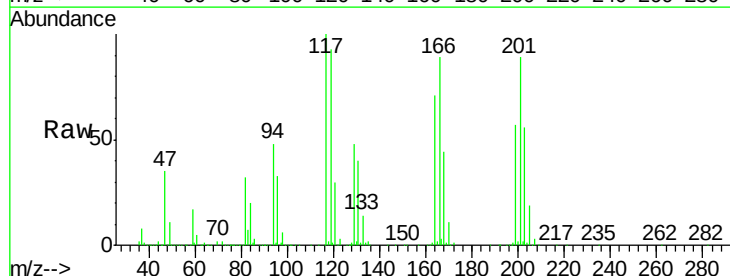
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBS01

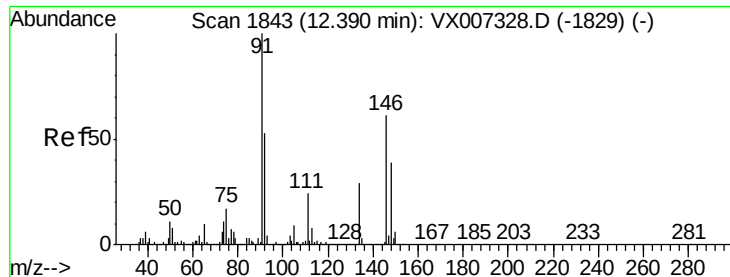
Tot Ion: 91 Resp: 333121
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 28.2 13.9 41.6



#90
Hexachloroethane
Concen: 19.775 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007417.D
Acq: 07 Feb 2019 11:36

Tgt Ion: 117 Resp: 58952
Ion Ratio Lower Upper
117 100
201 90.2 44.9 134.7

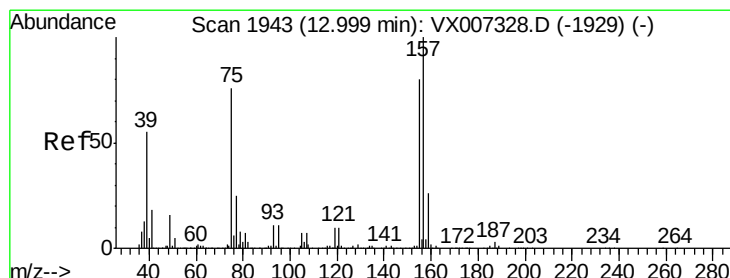
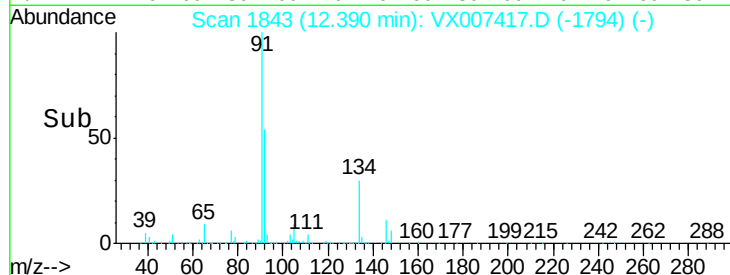
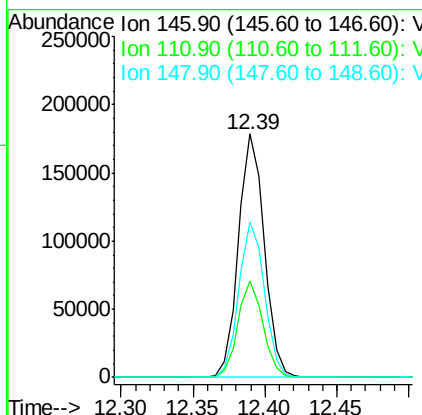
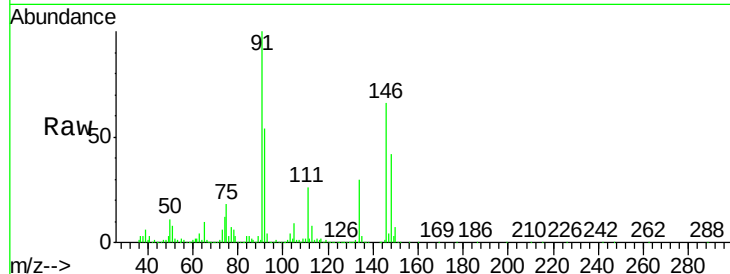




#91
 1,2-Dichlorobenzene
 Concen: 19.676 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

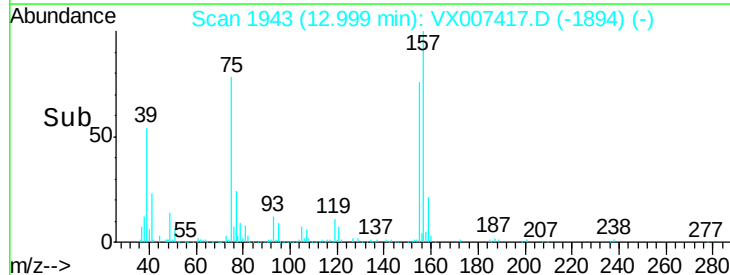
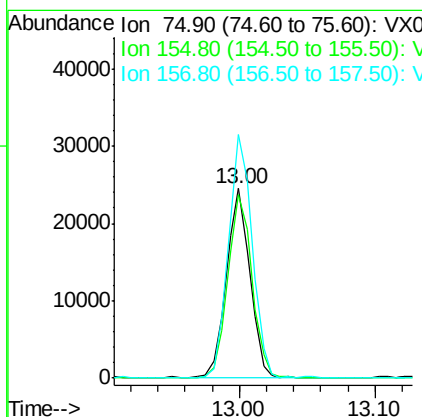
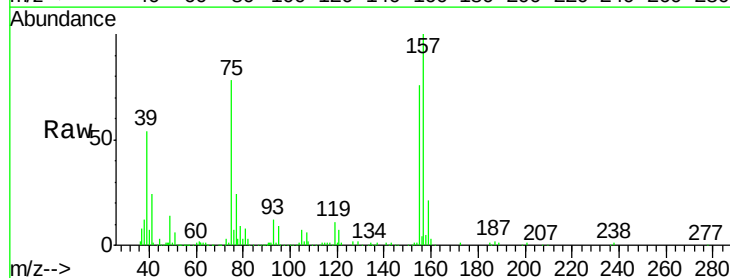
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

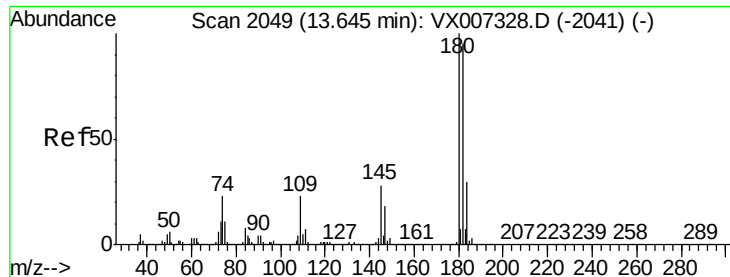
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	63.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.695 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.8	49.6	149.0
157	129.5	65.1	195.3

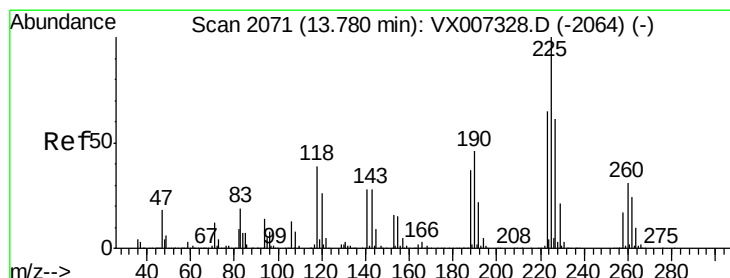
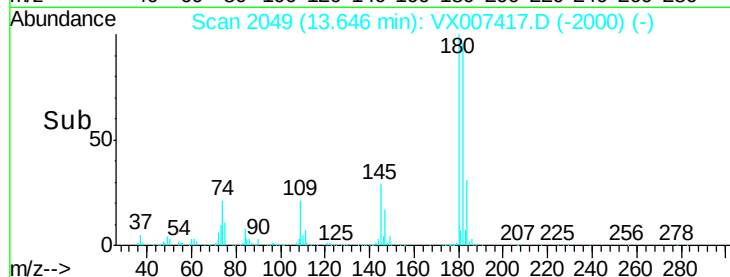
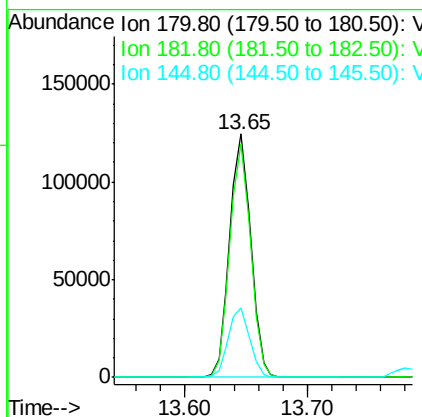
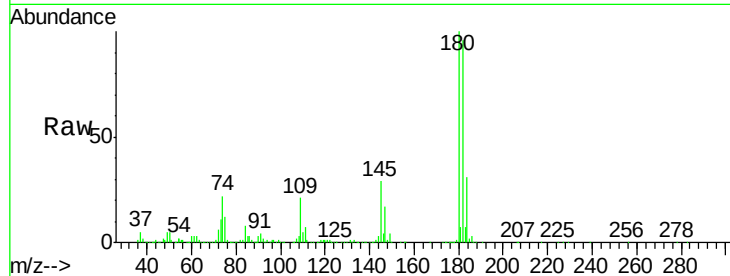




#93
 1,2,4-Trichlorobenzene
 Concen: 19.487 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

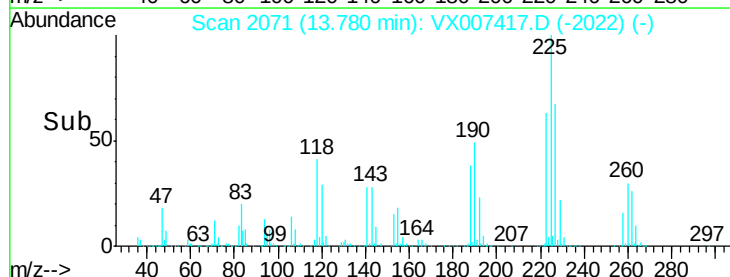
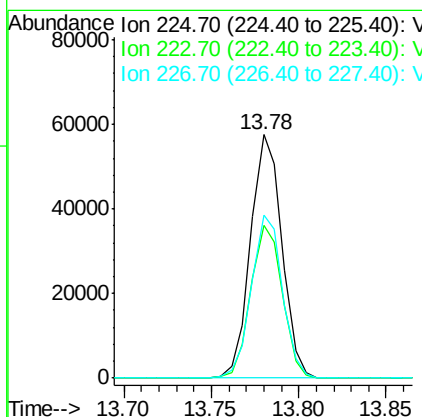
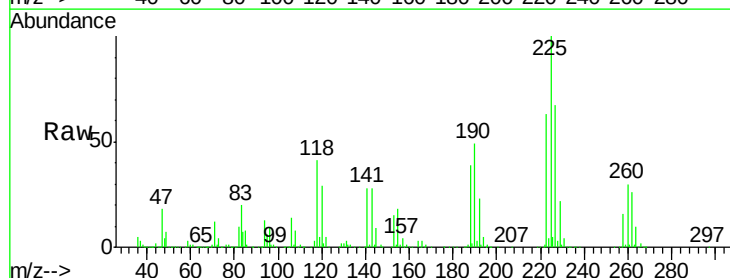
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

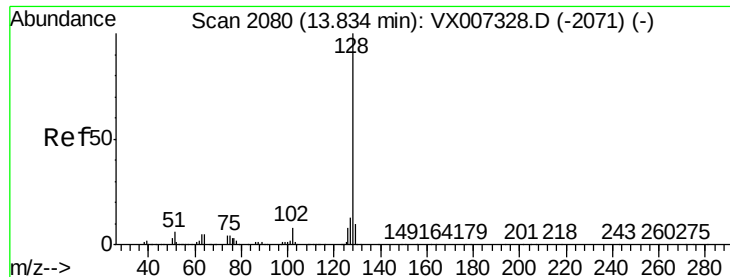
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	29.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.269 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007417.D
 Acq: 07 Feb 2019 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	66.6	32.1	96.3





#95

Naphthalene

Concen: 20.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBS01

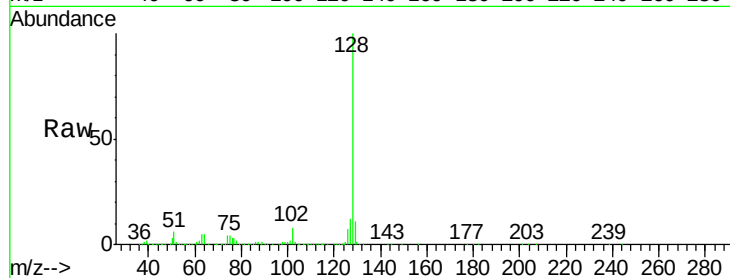
Tot Ion:128 Resp: 456406

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

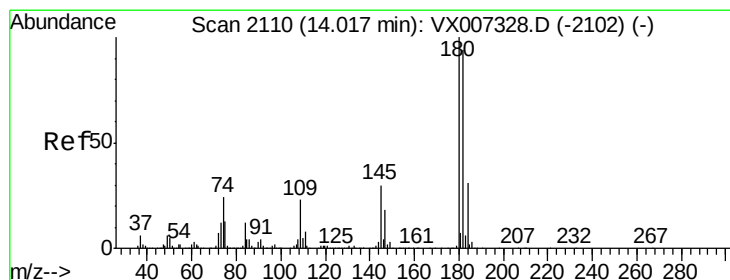
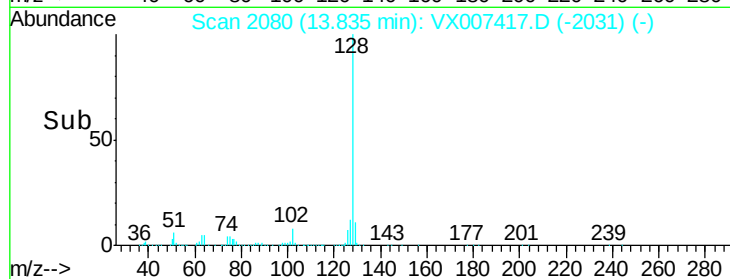
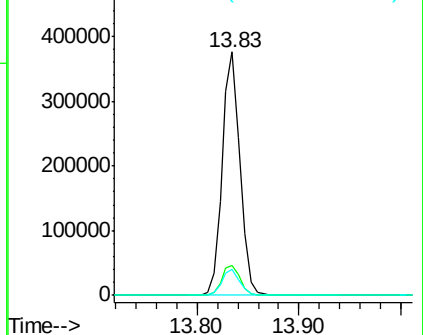
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.393 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

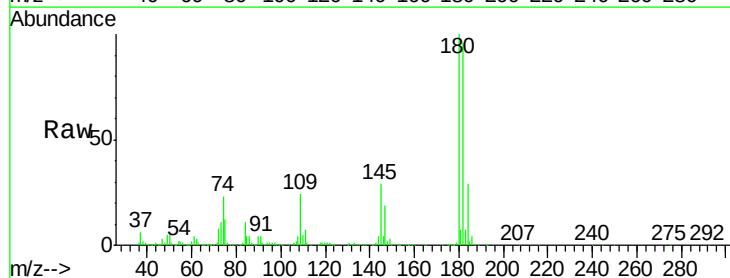
Tgt Ion:180 Resp: 149116

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

145 29.5 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

