

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007420.D
 Acq On : 07 Feb 2019 12:56
 Operator : JC/SP
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 22:07:39 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	482063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	707124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	330999	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	248994	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.51	113	224376	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.71	98	831920	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295604	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	110142	18.705	ug/l	97
3) Chloromethane	1.33	50	100357	18.483	ug/l	99
4) Vinyl Chloride	1.41	62	104910	19.695	ug/l	97
5) Bromomethane	1.64	94	99640	18.610	ug/l	98
6) Chloroethane	1.73	64	63601	18.457	ug/l	93
7) Trichlorofluoromethane	1.93	101	156694	18.804	ug/l	99
8) Diethyl Ether	2.19	74	59399	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90475	18.253	ug/l	99
10) Methyl Iodide	2.51	142	124646	17.095	ug/l	99
11) Tert butyl alcohol	3.07	59	114503	108.133	ug/l	100
12) 1,1-Dichloroethene	2.38	96	82167	17.852	ug/l	100
13) Acrolein	2.30	56	53469	107.681	ug/l	99
14) Allyl chloride	2.73	41	142383	18.985	ug/l	98
15) Acrylonitrile	3.15	53	252746	96.486	ug/l	99
16) Acetone	2.45	43	232029	98.996	ug/l	99
17) Carbon Disulfide	2.57	76	196122	17.725	ug/l	98
18) Methyl Acetate	2.78	43	130729	21.746	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	288725	19.363	ug/l	96
20) Methylene Chloride	2.86	84	92244	19.024	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	87053	17.755	ug/l	94
22) Diisopropyl ether	3.87	45	263462	19.098	ug/l	95
23) Vinyl Acetate	3.82	43	1079422	94.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149002	18.808	ug/l	99
25) 2-Butanone	4.70	43	331047	99.248	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108291	17.949	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97151	18.141	ug/l	100
28) Bromochloromethane	5.02	49	68832	18.894	ug/l	96
29) Tetrahydrofuran	5.15	42	213758	101.895	ug/l	99
30) Chloroform	5.21	83	157248	19.022	ug/l	99
31) Cyclohexane	5.58	56	125733	17.671	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	128711	18.446	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111486	17.572	ug/l	100
37) Ethyl Acetate	4.85	43	124785	19.456	ug/l	99
38) Carbon Tetrachloride	5.79	117	113956	18.514	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134917	17.576	ug/l	98
40) Benzene	6.14	78	349600	18.706	ug/l	97
41) Methacrylonitrile	5.06	41	67703	19.696	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119265	18.444	ug/l	99
43) Isopropyl Acetate	6.46	43	190520	19.245	ug/l	100
44) Trichloroethene	7.21	130	101250	17.988	ug/l	100
45) 1,2-Dichloropropane	7.52	63	86507	18.474	ug/l	99
46) Dibromomethane	7.66	93	61804	18.160	ug/l	98
47) Bromodichloromethane	7.90	83	104007	18.032	ug/l	99
48) Methyl methacrylate	7.77	41	97296	19.649	ug/l	98
49) 1,4-Dioxane	7.75	88	48154	431.553	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	641166	98.386	ug/l	99
52) Toluene	8.79	92	223886	18.567	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	109804	17.723	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	127872	18.768	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93127	18.528	ug/l	98
56) Ethyl methacrylate	9.18	69	131808	18.934	ug/l	97
57) 1,3-Dichloropropane	9.37	76	151417	18.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	352559	96.083	ug/l	99
59) 2-Hexanone	9.49	43	502151	99.020	ug/l	100
60) Dibromochloromethane	9.58	129	88936	18.709	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100092	18.804	ug/l	100
64) Tetrachloroethene	9.34	164	101849	16.767	ug/l	98
65) Chlorobenzene	10.14	112	255963	18.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89868	19.060	ug/l	99
67) Ethyl Benzene	10.25	91	414830	18.317	ug/l	99
68) m/p-Xylenes	10.36	106	323868	35.975	ug/l	98
69) o-Xylene	10.70	106	160811	18.564	ug/l	100
70) Styrene	10.71	104	258810	18.422	ug/l	98
71) Bromoform	10.86	173	62576	17.942	ug/l #	97
73) Isopropylbenzene	11.02	105	428405	19.046	ug/l	99
74) N-amyl acetate	10.90	43	169546	19.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	138589	20.217	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	151800	23.578	ug/l	79
77) Bromobenzene	11.26	156	117707	18.573	ug/l	99
78) n-propylbenzene	11.36	91	466601	18.917	ug/l	99
79) 2-Chlorotoluene	11.42	91	280854	18.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	343786	18.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35064	19.638	ug/l	97
82) 4-Chlorotoluene	11.51	91	318564	18.395	ug/l	99
83) tert-Butylbenzene	11.77	119	343317	18.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	359670	19.252	ug/l	100
85) sec-Butylbenzene	11.94	105	420017	19.048	ug/l	100
86) p-Isopropyltoluene	12.07	119	368255	18.500	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206844	18.186	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204424	17.716	ug/l	99
89) n-Butylbenzene	12.39	91	306805	17.917	ug/l	100
90) Hexachloroethane	12.60	117	54742	18.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205239	18.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27547	19.326	ug/l	100

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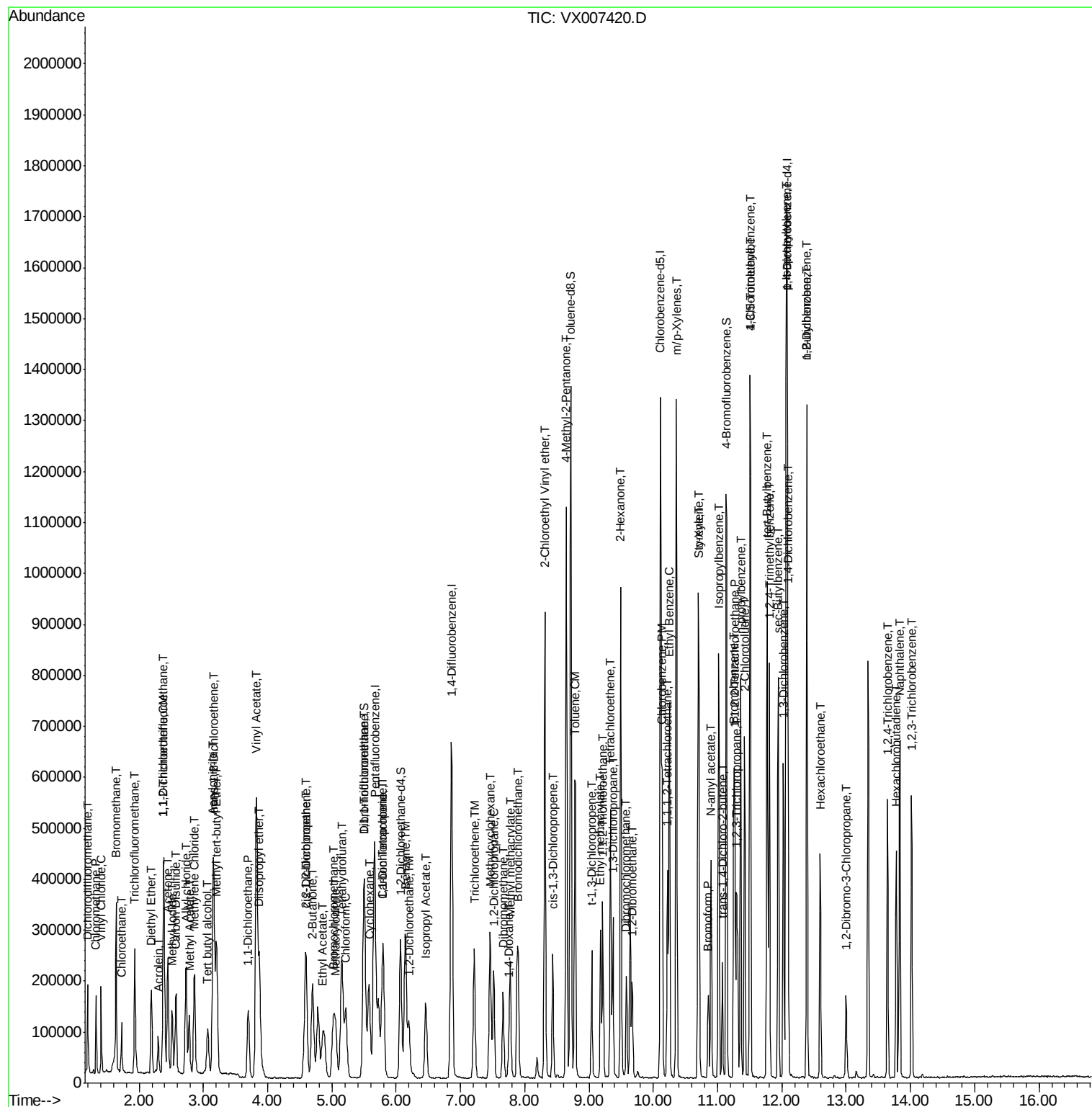
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136757	17.915	ug/l	99
94) Hexachlorobutadiene	13.78	225	65734	17.734	ug/l	99
95) Naphthalene	13.83	128	418479	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140181	18.244	ug/l	99

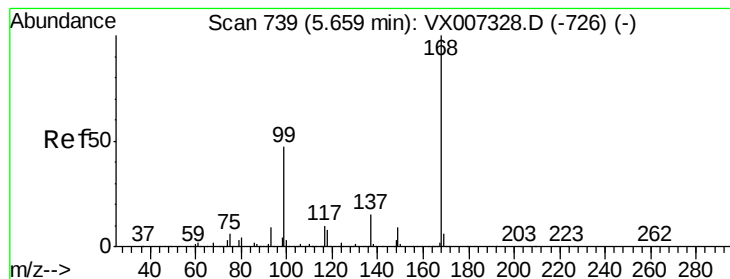
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Feb 08 22:07:39 2019
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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: VX007420.D

Acq: 07 Feb 2019 12:56

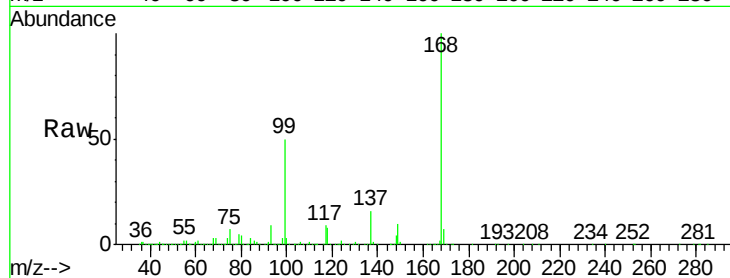
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 482063

Ion Ratio Lower Upper

168 100

99 50.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

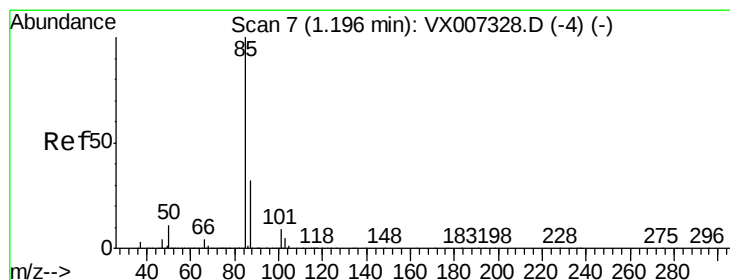
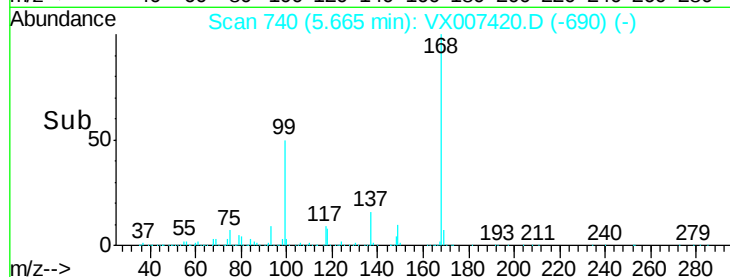
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.705 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007420.D

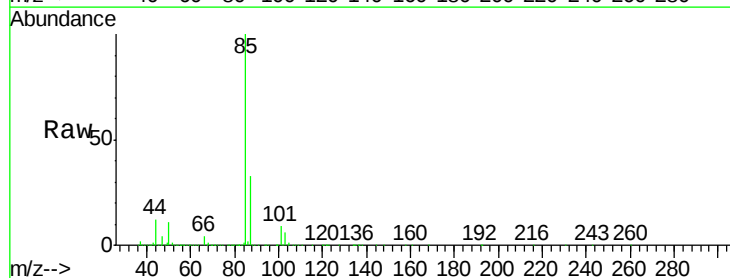
Acq: 07 Feb 2019 12:56

Tgt Ion: 85 Resp: 110142

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

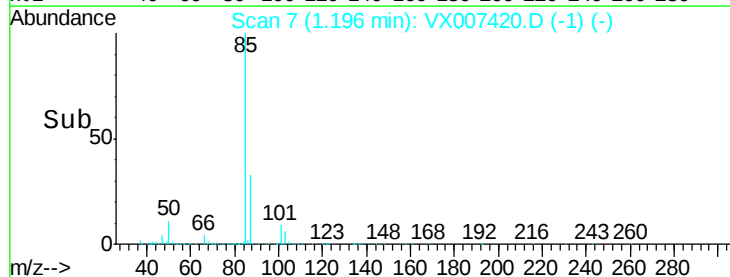
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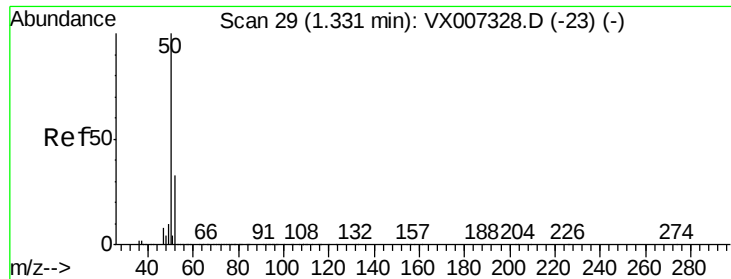
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.483 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

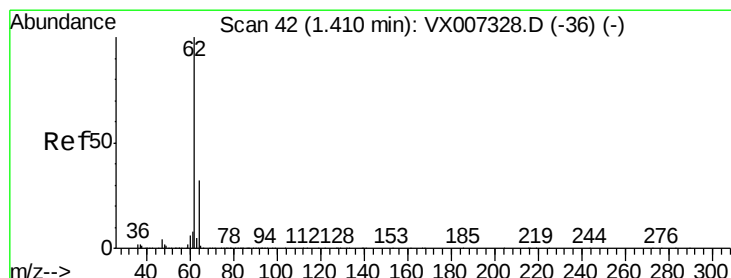
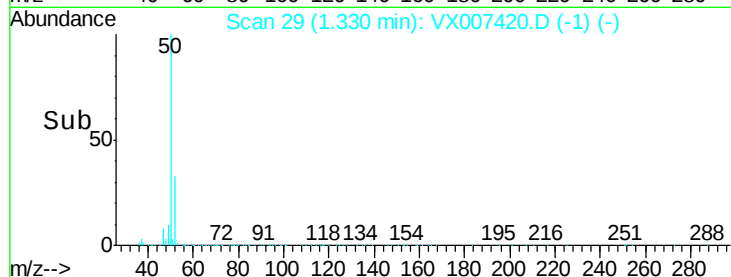
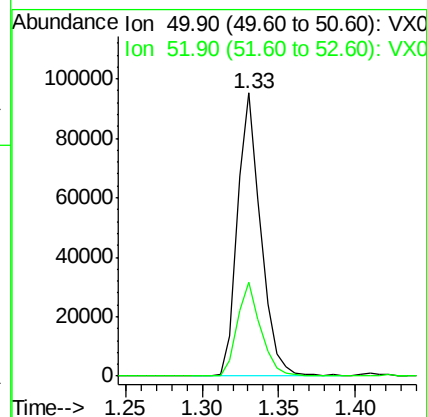
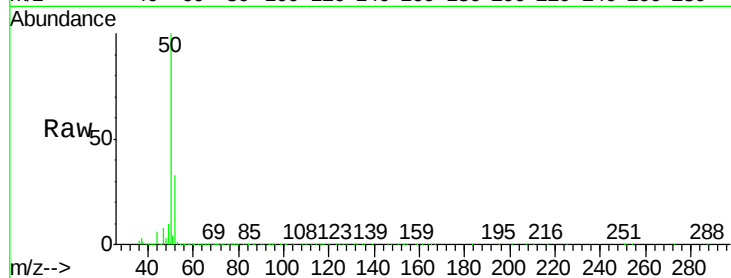
ClientSampleId :

Tot Ion: 50 Resp: 100357

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 19.695 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007420.D

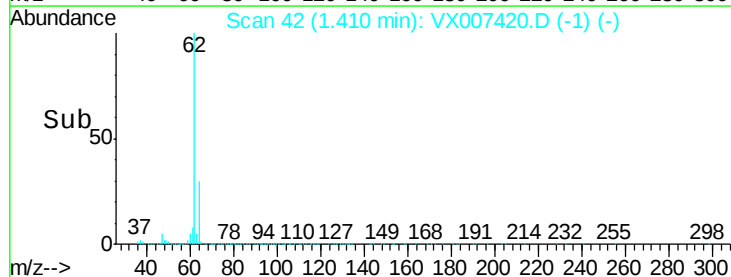
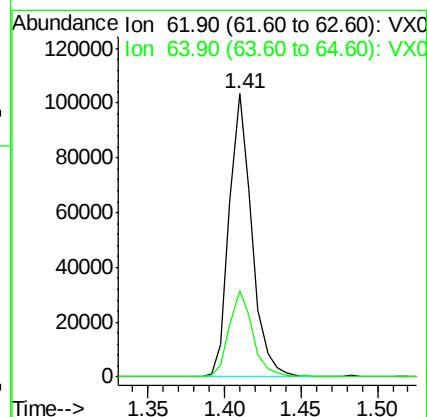
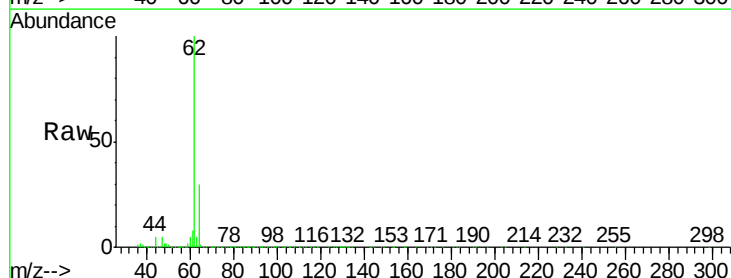
Acq: 07 Feb 2019 12:56

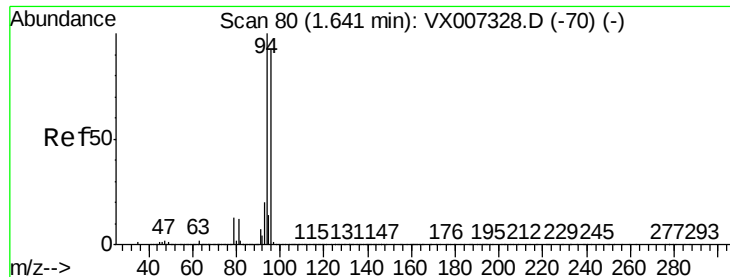
Tgt Ion: 62 Resp: 104910

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0





#5

Bromomethane

Concen: 18.610 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

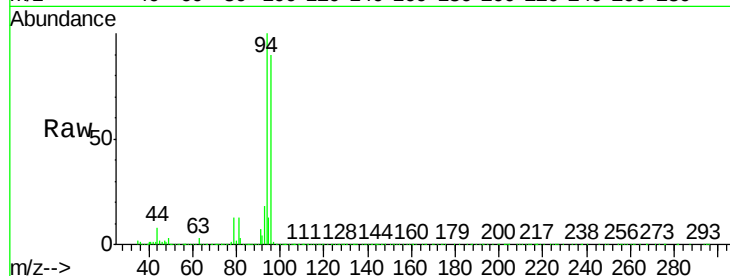
ClientSampleId :

Tot Ion: 94 Resp: 99640

Ion Ratio Lower Upper

94 100

96 90.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

60000

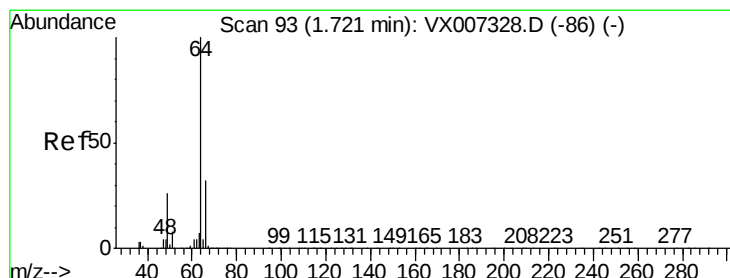
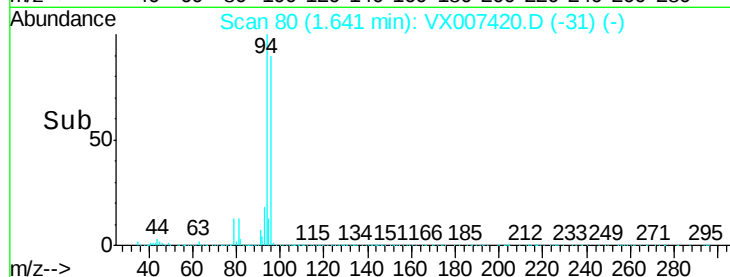
40000

20000

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Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 18.457 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007420.D

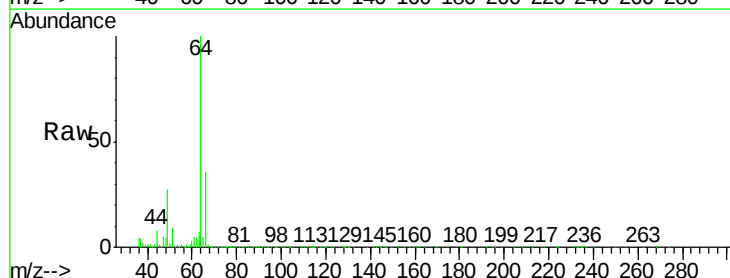
Acq: 07 Feb 2019 12:56

Tgt Ion: 64 Resp: 63601

Ion Ratio Lower Upper

64 100

66 35.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

30000

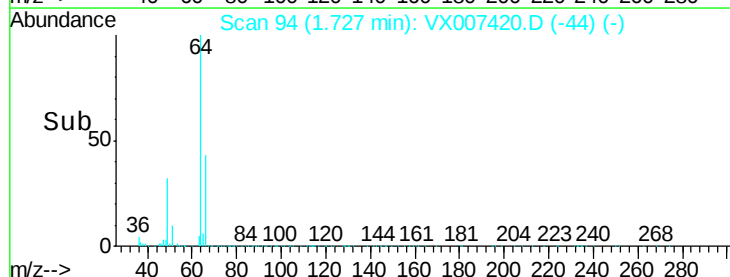
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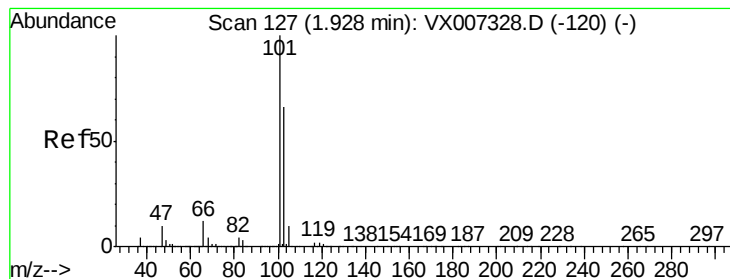
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0

Time-->

1.60 1.65 1.70 1.75 1.80



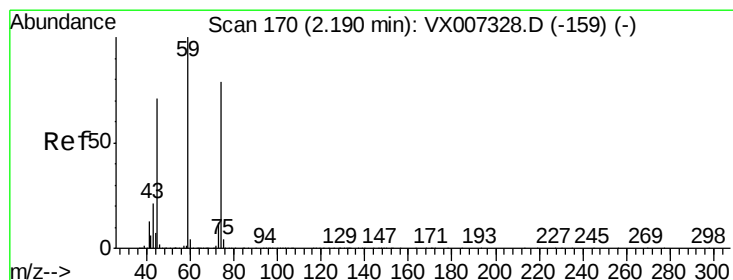
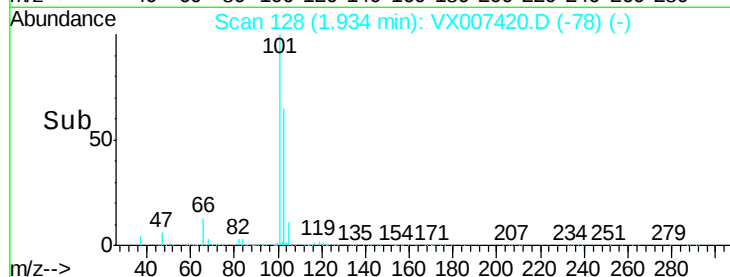
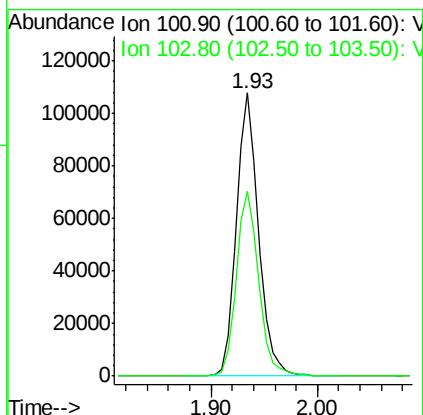
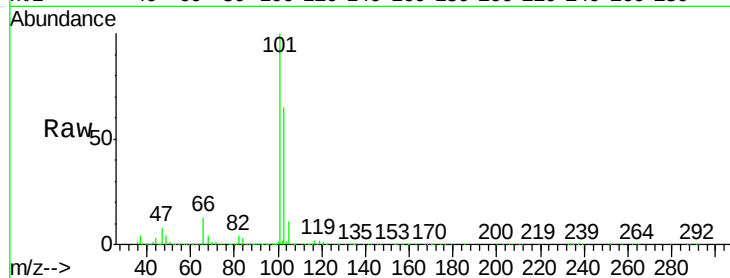


#7

Trichlorofluoromethane
Concen: 18.804 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
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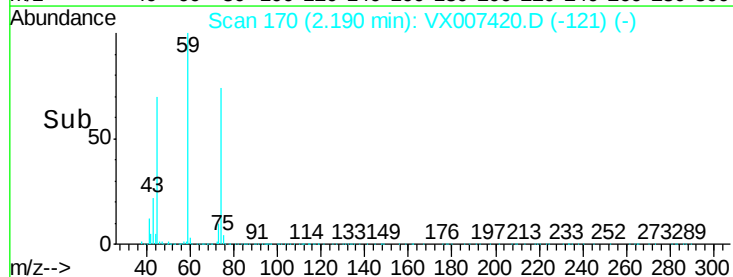
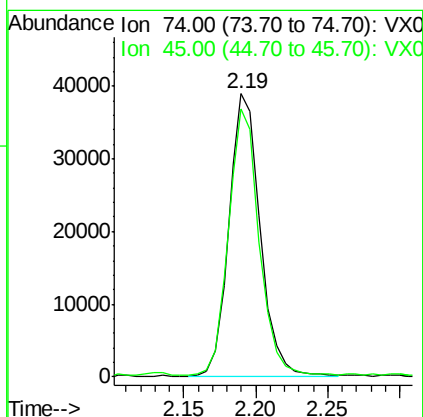
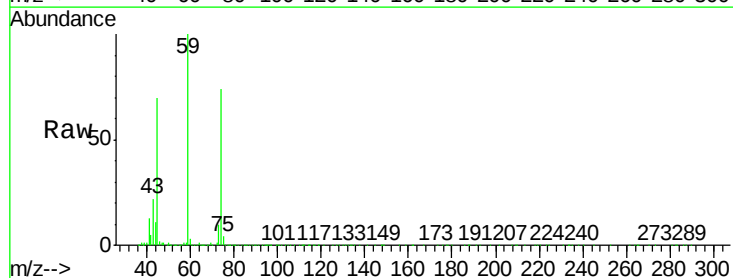
Tot Ion:101 Resp: 156694
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

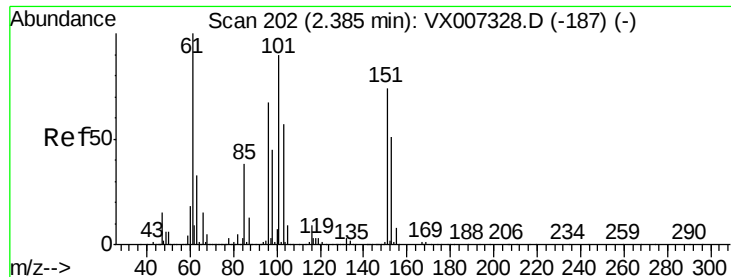


#8

Diethyl Ether
Concen: 18.939 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 74 Resp: 59399
Ion Ratio Lower Upper
74 100
45 91.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.253 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

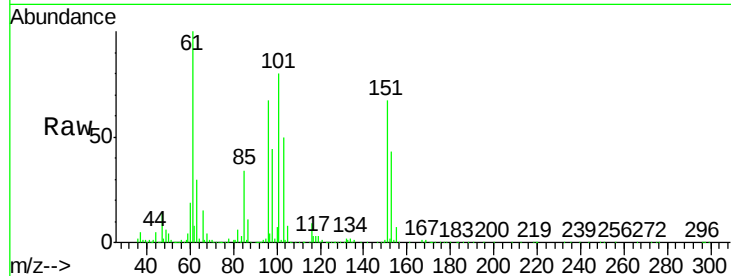
Tot Ion:101 Resp: 90475

Ion Ratio Lower Upper

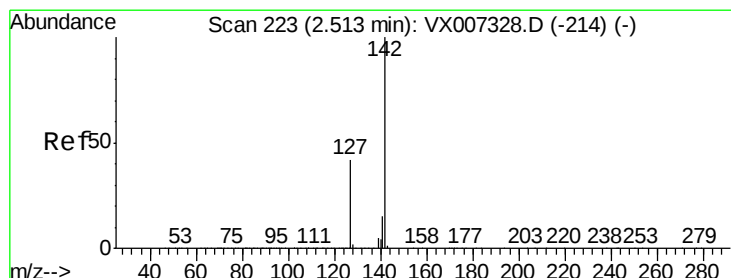
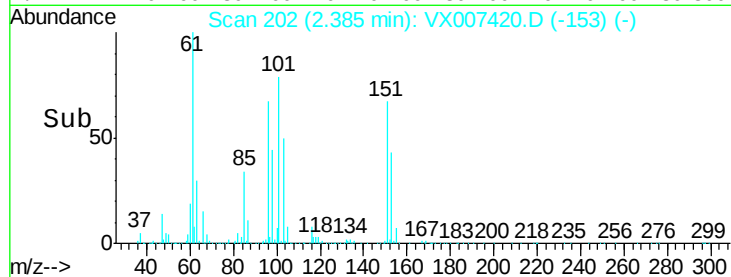
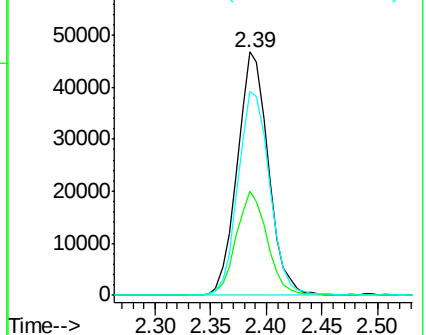
101 100

85 43.0 34.1 51.1

151 85.9 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.095 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

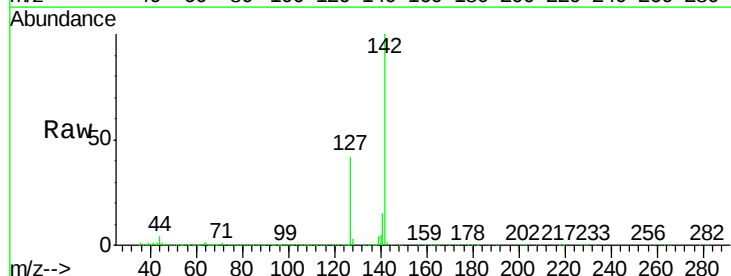
Tgt Ion:142 Resp: 124646

Ion Ratio Lower Upper

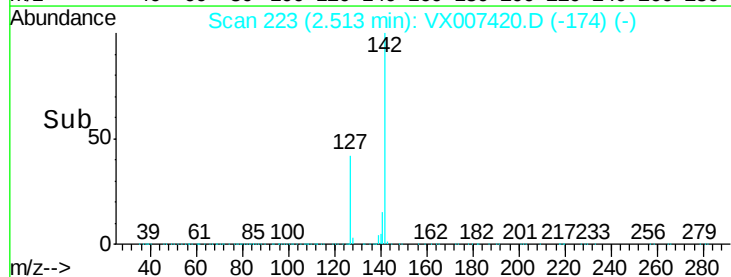
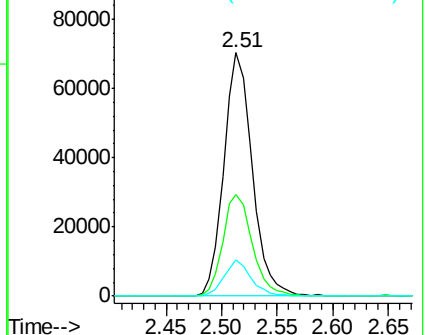
142 100

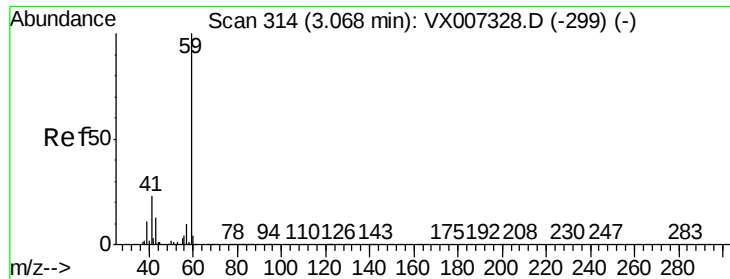
127 43.2 33.7 50.5

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



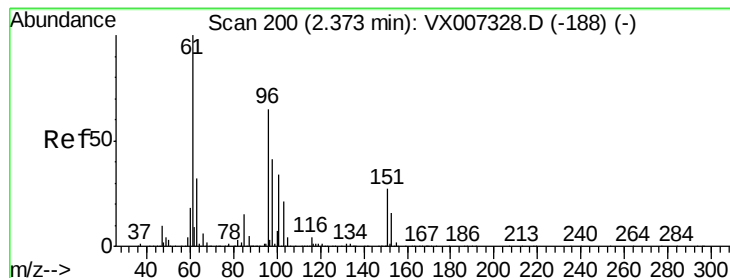
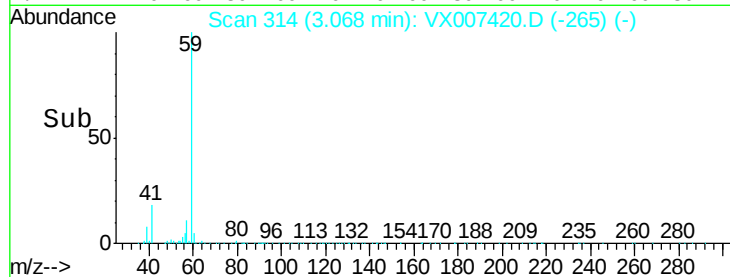
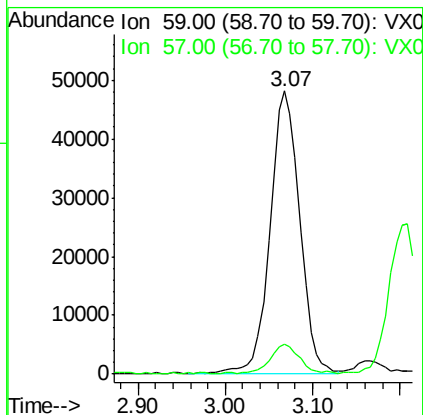
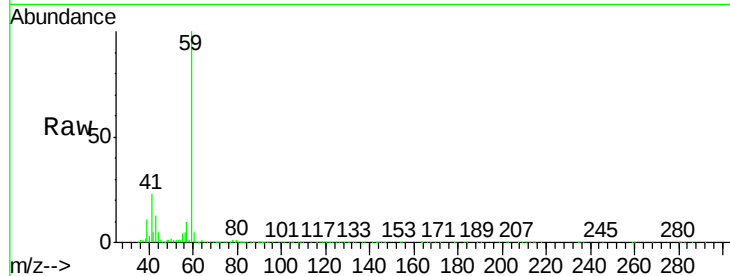


#11

Tert butyl alcohol
Concen: 108.133 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampled :

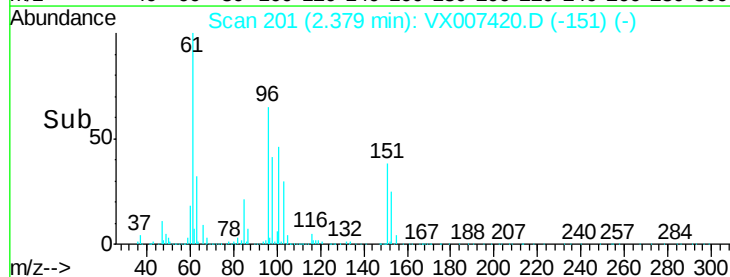
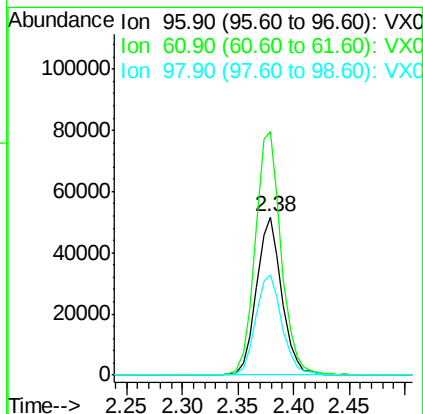
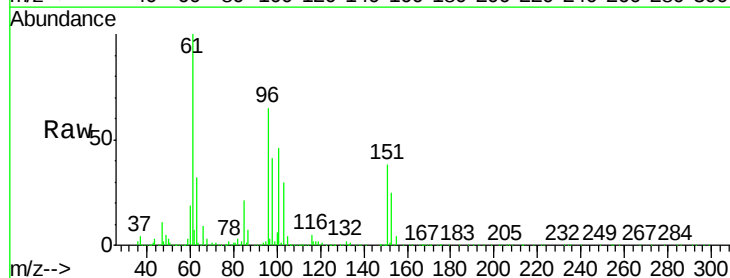
Tot Ion: 59 Resp: 114503
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

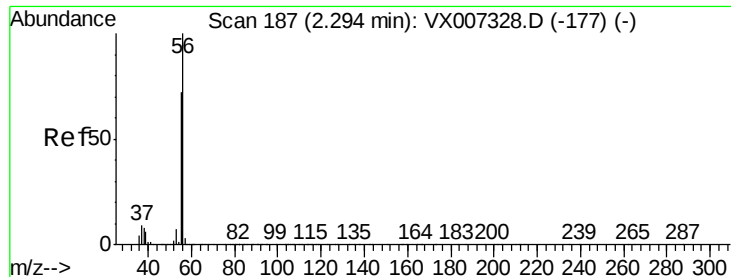


#12

1,1-Dichloroethene
Concen: 17.852 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 96 Resp: 82167
Ion Ratio Lower Upper
96 100
61 153.9 123.0 184.4
98 63.6 50.9 76.3





#13

Acrolein

Concen: 107.681 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

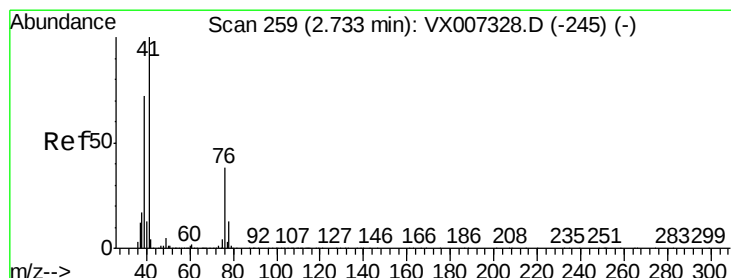
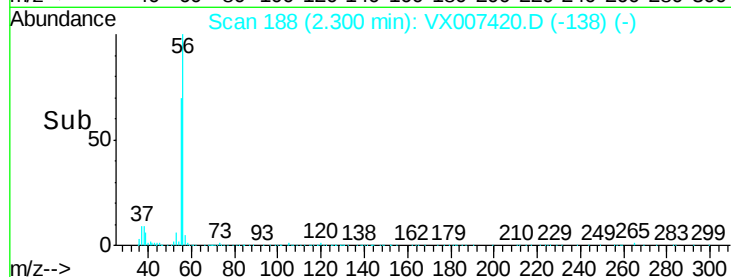
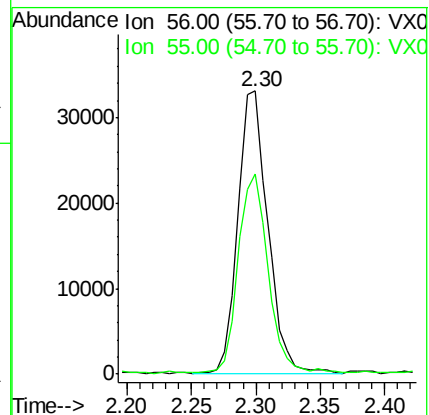
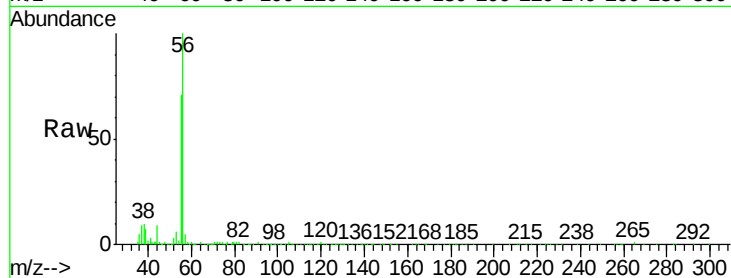
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 53469

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 18.985 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

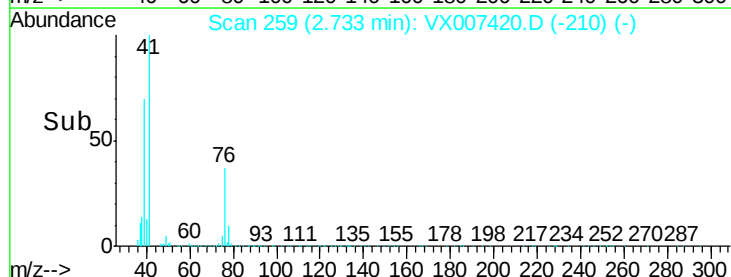
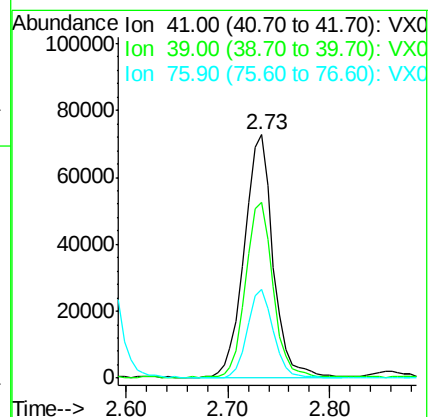
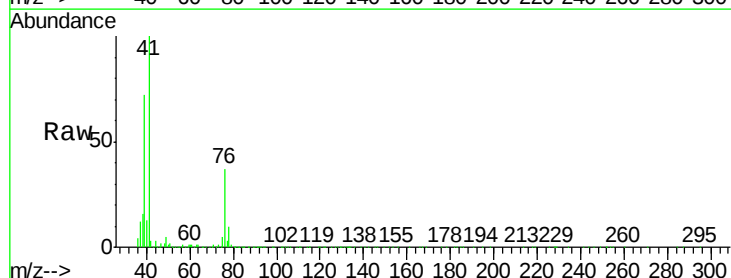
Tgt Ion: 41 Resp: 142383

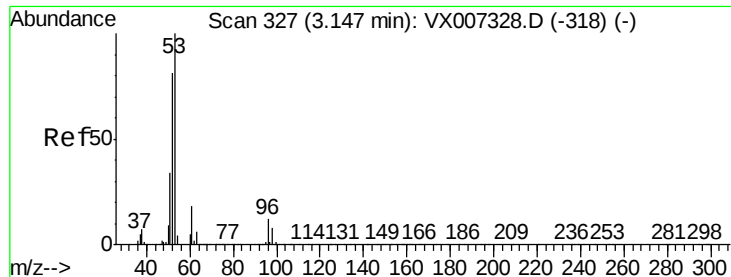
Ion Ratio Lower Upper

41 100

39 69.2 54.1 81.1

76 32.8 27.8 41.8





#15

Acrylonitrile

Concen: 96.486 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

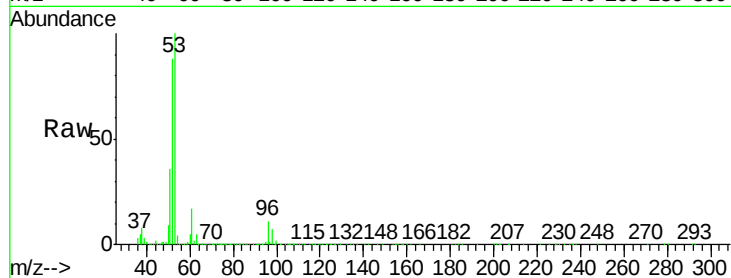
Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 252746

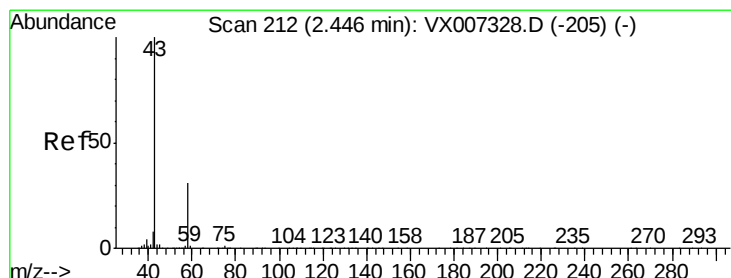
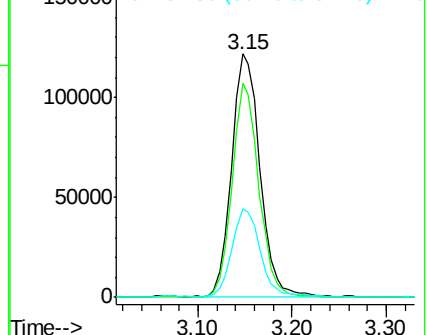
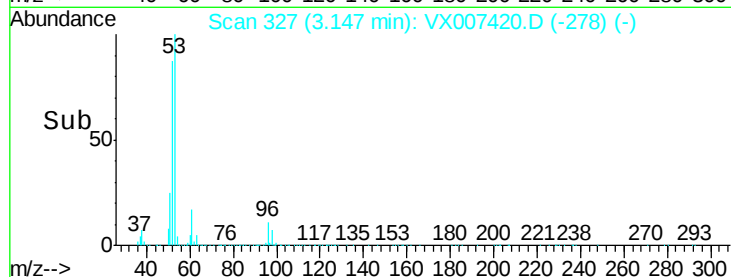
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.8	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX007420.D (-278) (-)

Ion 52.00 (51.70 to 52.70): VX007420.D (-278) (-)

Ion 51.00 (50.70 to 51.70): VX007420.D (-278) (-)



#16

Acetone

Concen: 98.996 ug/l

RT: 2.45 min Scan# 212

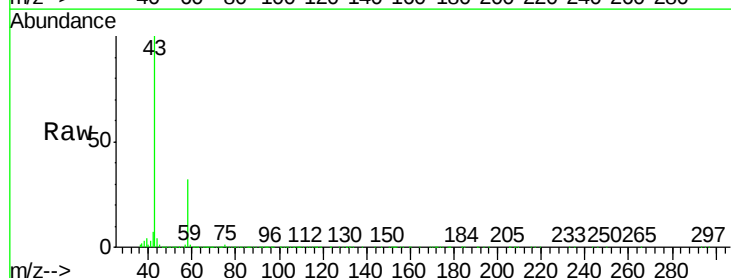
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

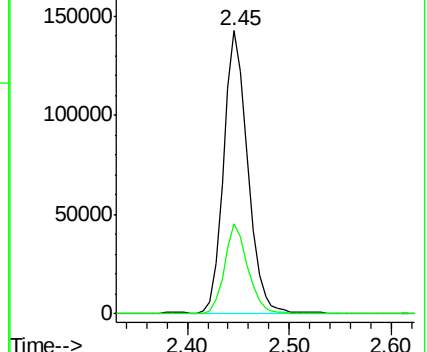
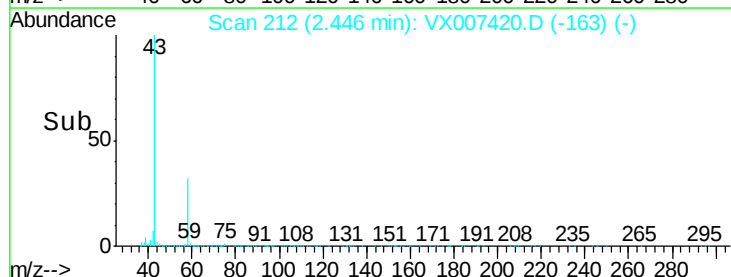
Tgt Ion: 43 Resp: 232029

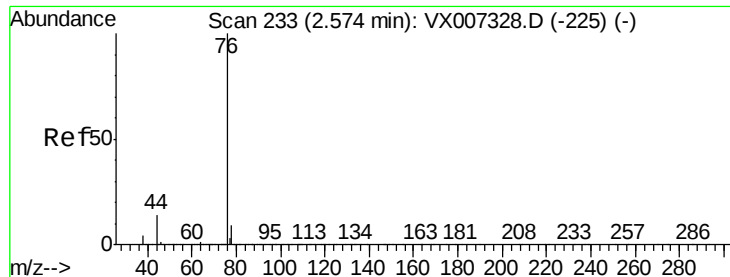
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX007420.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX007420.D (-163) (-)





#17

Carbon Disulfide

Concen: 17.725 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

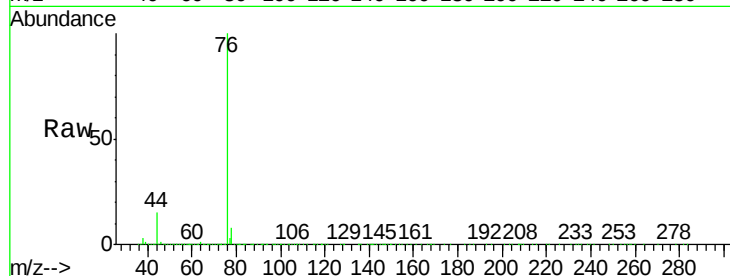
ClientSampleId :

Tot Ion: 76 Resp: 196122

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

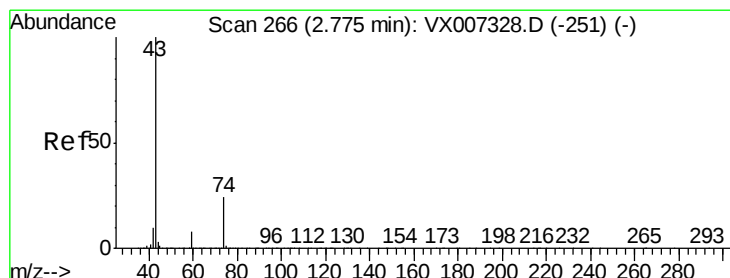
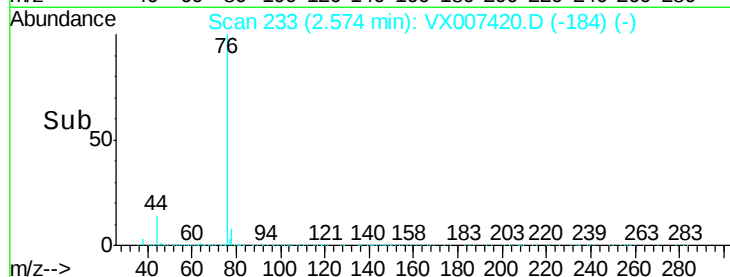
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 21.746 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007420.D

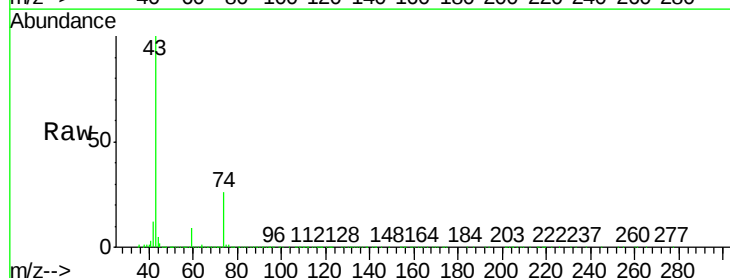
Acq: 07 Feb 2019 12:56

Tgt Ion: 43 Resp: 130729

Ion Ratio Lower Upper

43 100

74 23.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

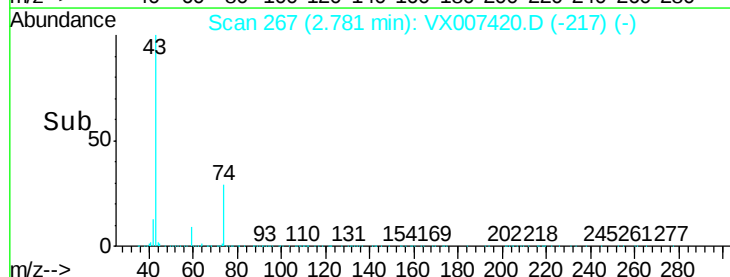
40000

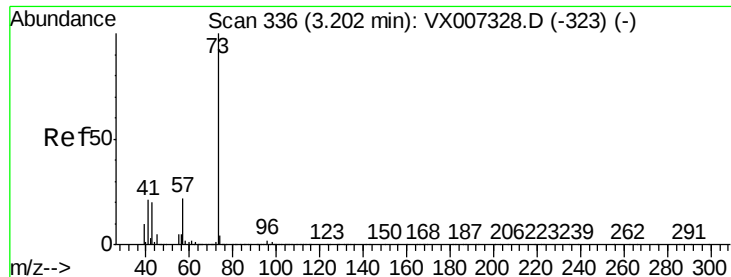
20000

0

Time-->

2.70 2.75 2.80 2.85

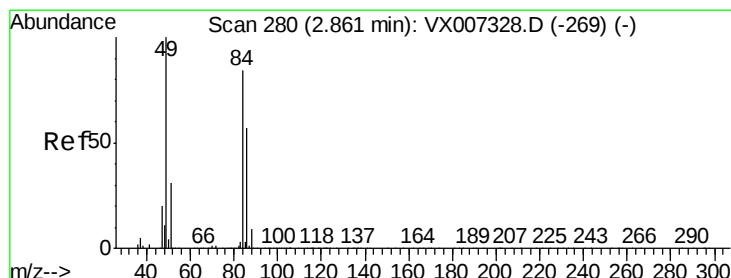
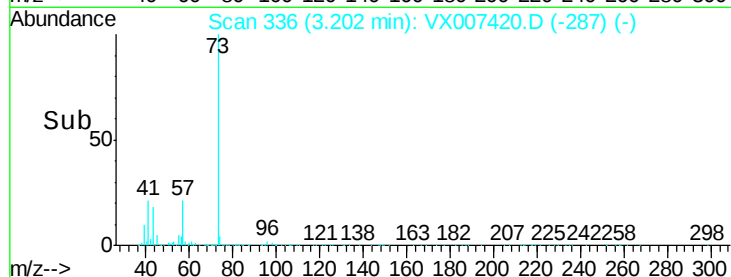
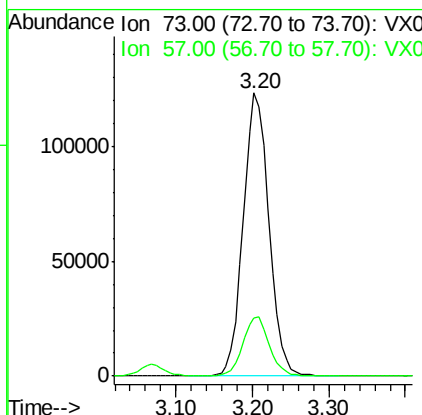
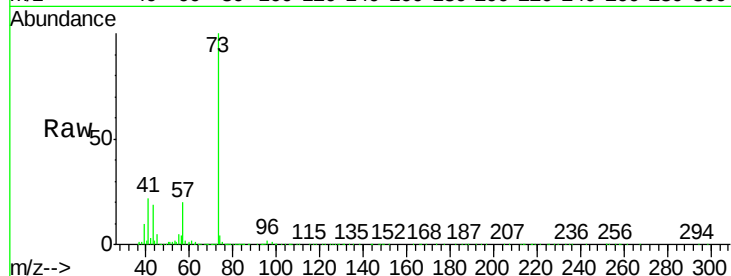




#19
Methvl tert-butvl Ether
Concen: 19.363 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

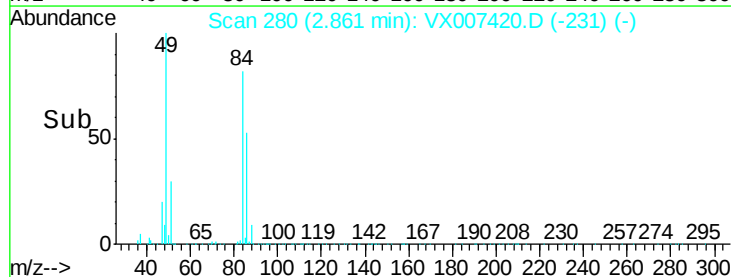
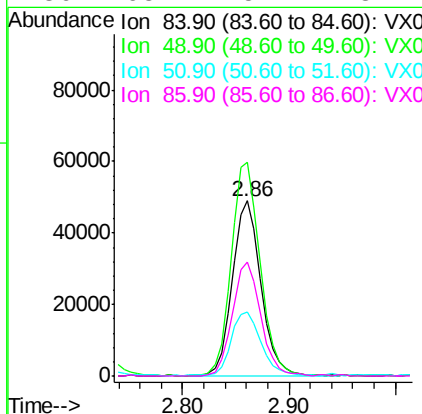
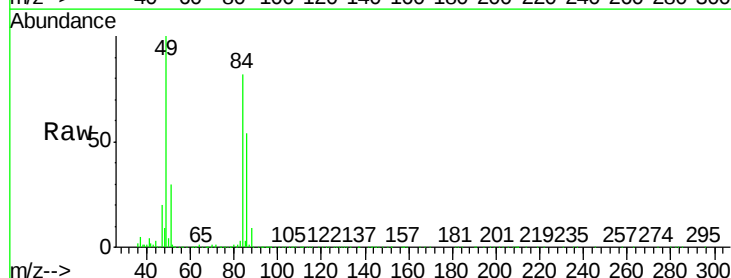
Instrument :
MSVOA_X
ClientSampleId :

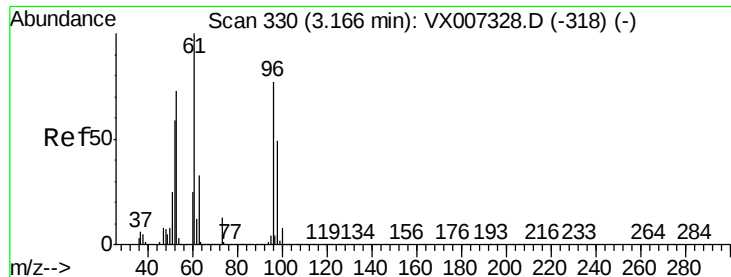
Tot Ion: 73 Resp: 288725
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.8



#20
Methylene Chloride
Concen: 19.024 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 84 Resp: 92244
Ion Ratio Lower Upper
84 100
49 121.7 94.8 142.2
51 36.2 29.8 44.8
86 65.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.755 ug/l

RT: 3.17 min Scan# 330

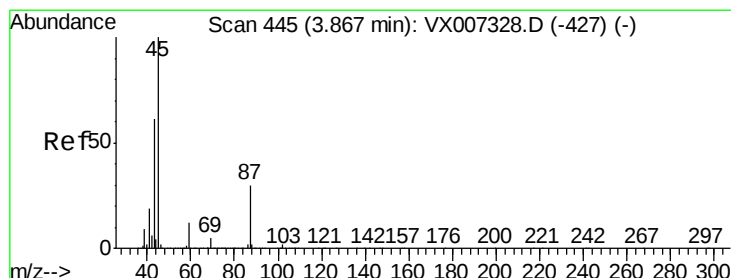
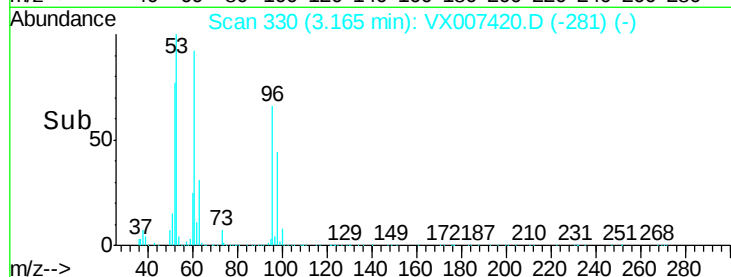
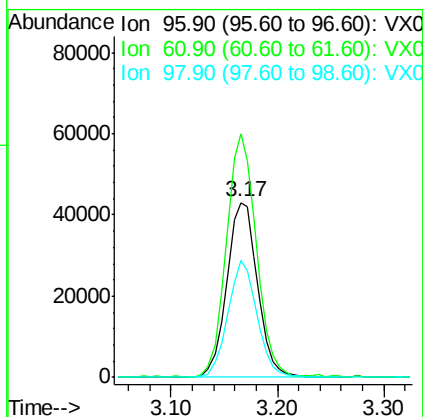
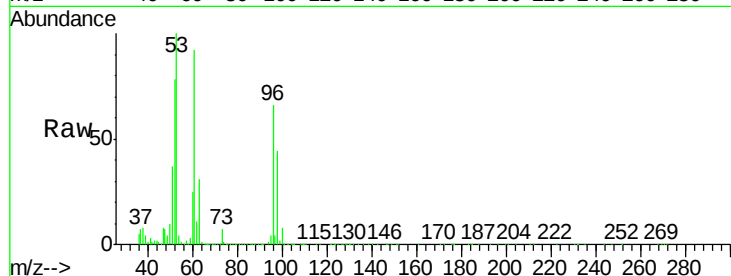
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	87053
Ion	Ratio	Lower	Upper
96	100		
61	139.3	104.6	156.8
98	66.7	51.0	76.4



#22

Diisopropyl ether

Concen: 19.098 ug/l

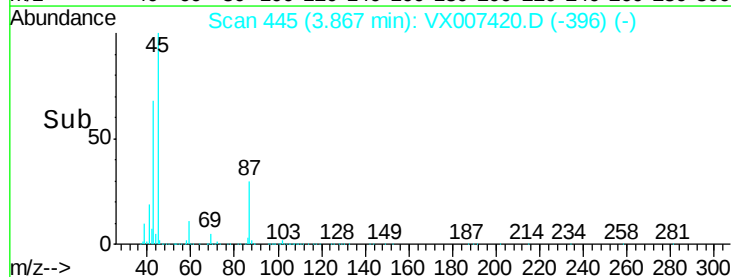
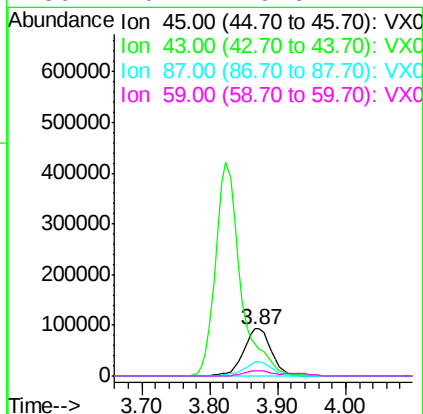
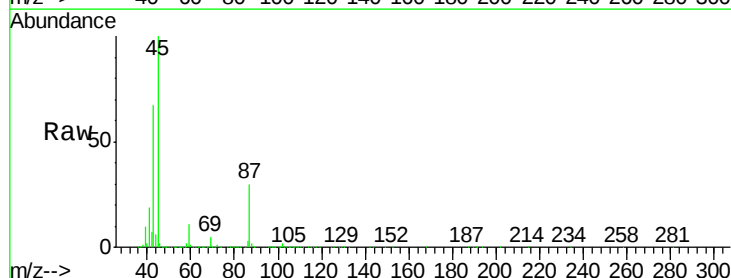
RT: 3.87 min Scan# 445

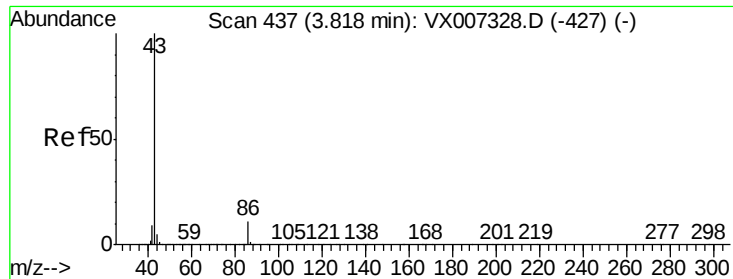
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	45	Resp:	263462
Ion	Ratio	Lower	Upper
45	100		
43	66.8	48.9	73.3
87	29.8	23.9	35.9
59	10.7	9.6	14.4





#23

Vinyl Acetate

Concen: 94.294 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

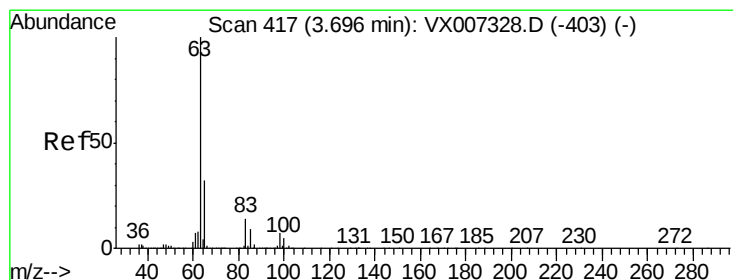
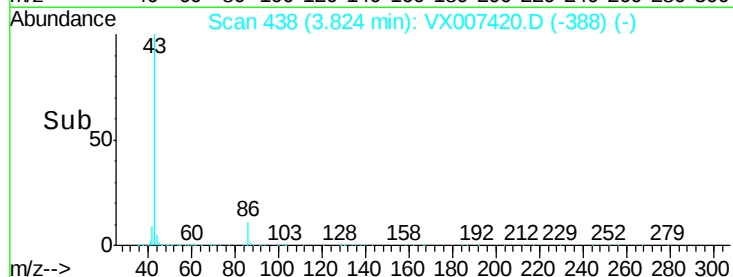
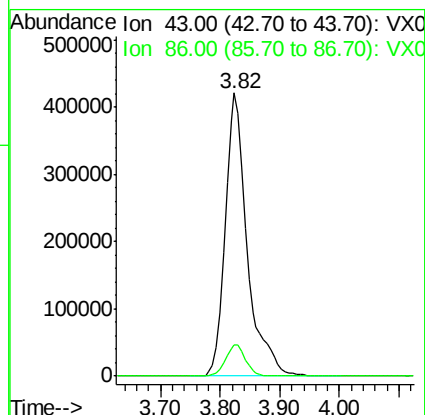
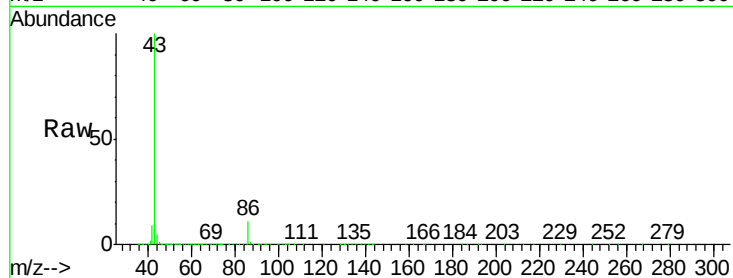
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1079422

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 18.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

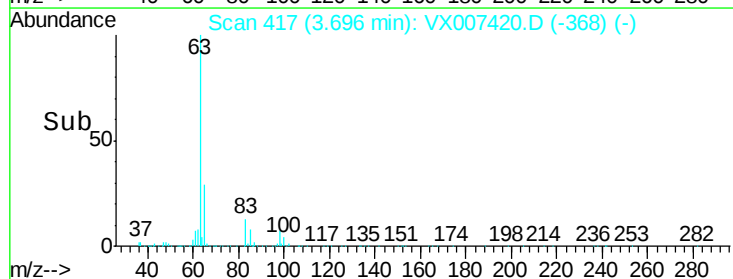
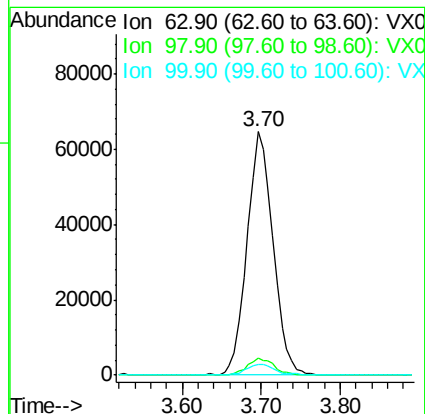
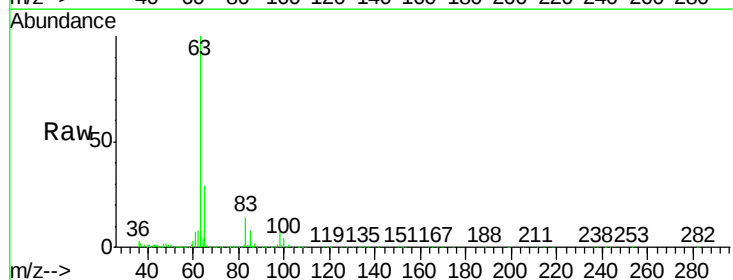
Tgt Ion: 63 Resp: 149002

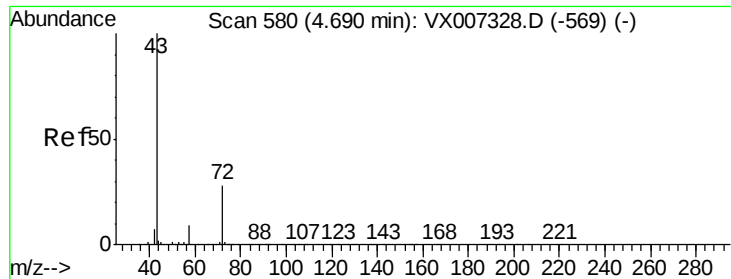
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.3 2.5 7.4

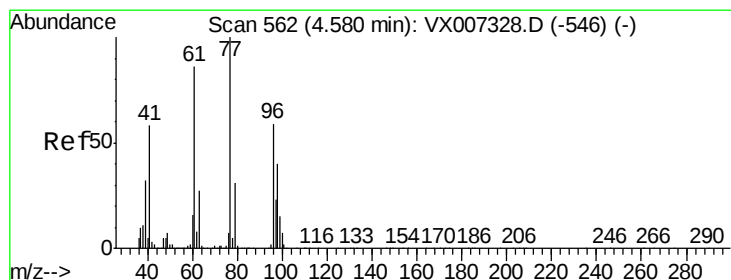
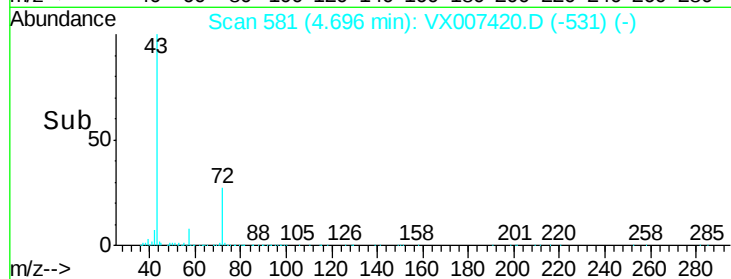
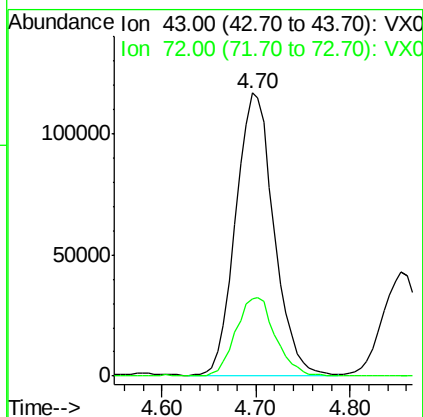
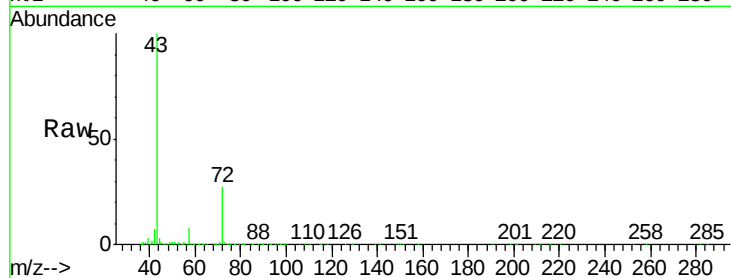




#25
2-Butanone
Concen: 99.248 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

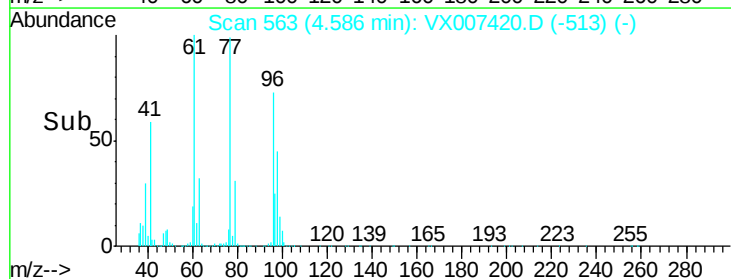
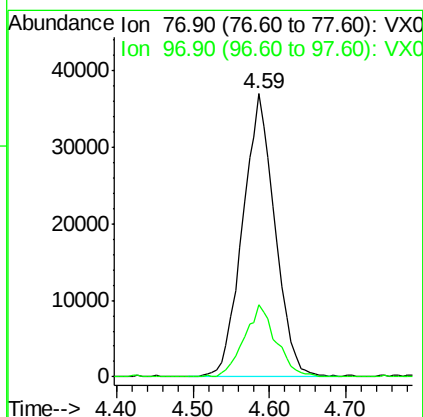
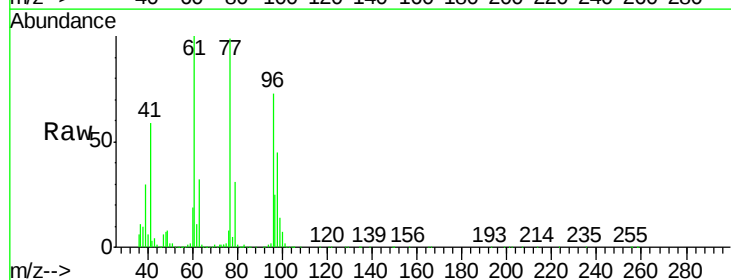
Instrument :
MSVOA_X
ClientSampleId :

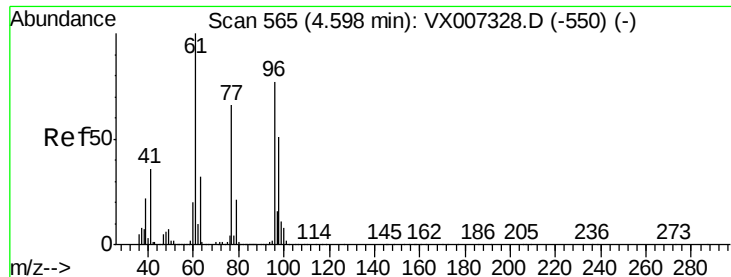
Tot Ion: 43 Resp: 331047
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 17.949 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 77 Resp: 108291
Ion Ratio Lower Upper
77 100
97 25.2 12.1 36.3



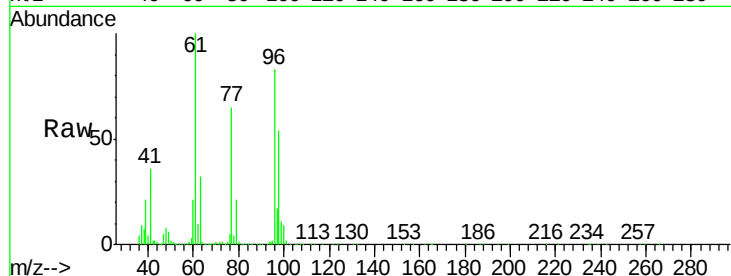


#27

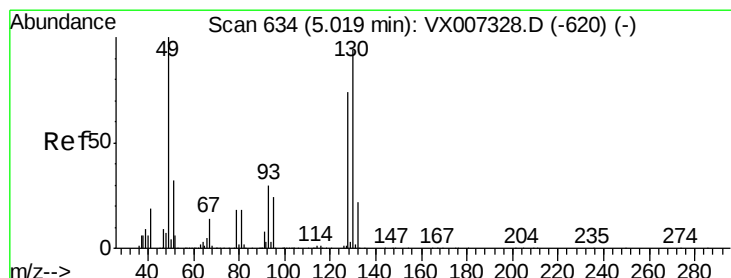
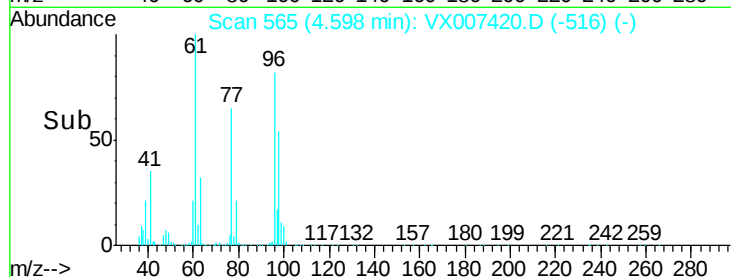
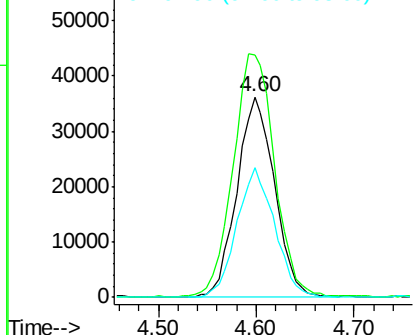
cis-1,2-Dichloroethene
Concen: 18.141 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	65.1	0.0	131.6



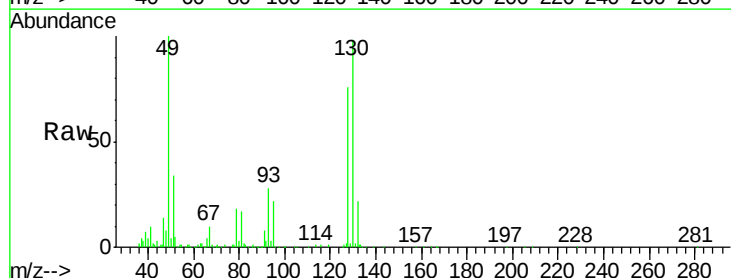
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



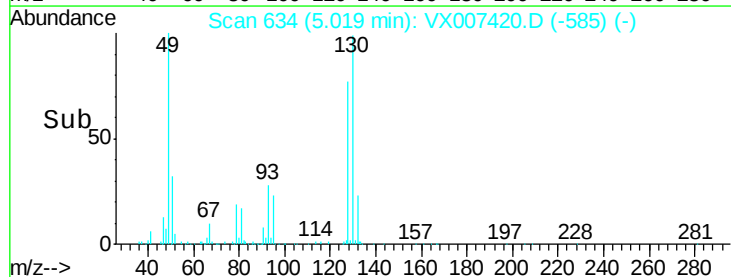
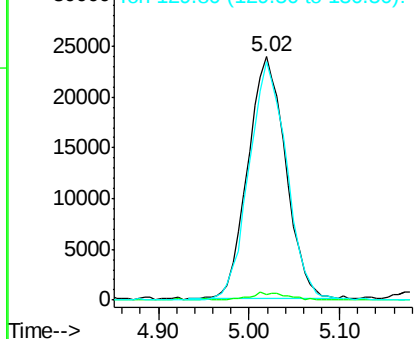
#28

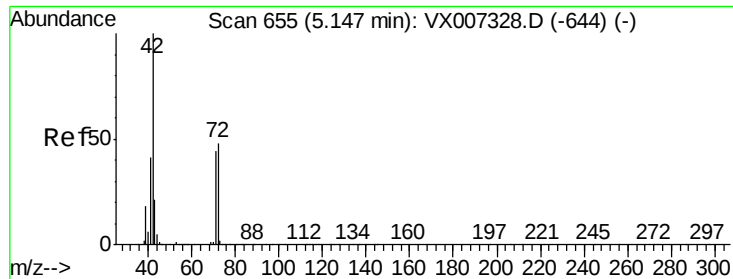
Bromochloromethane
Concen: 18.894 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	98.3	75.6	113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

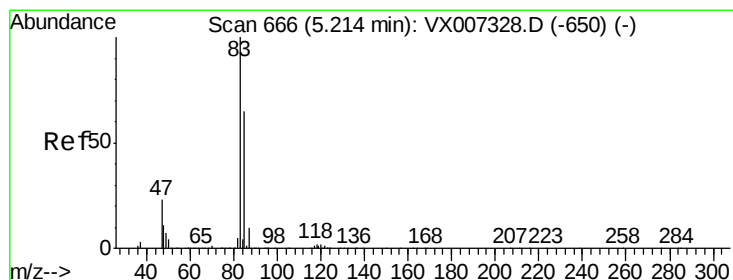
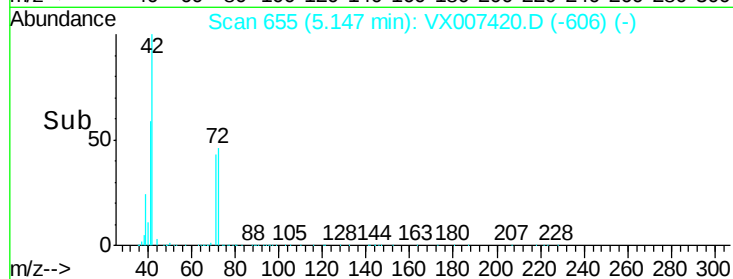
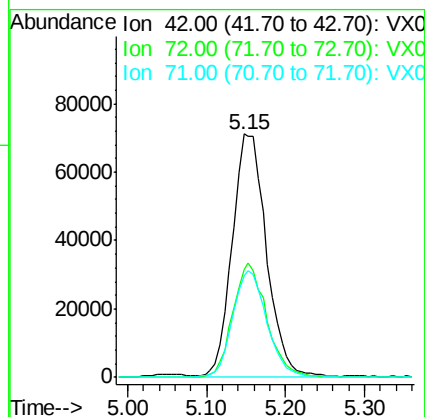
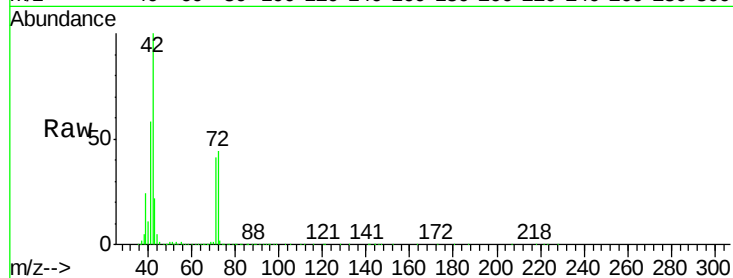




#29
Tetrahydrofuran
Concen: 101.895 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

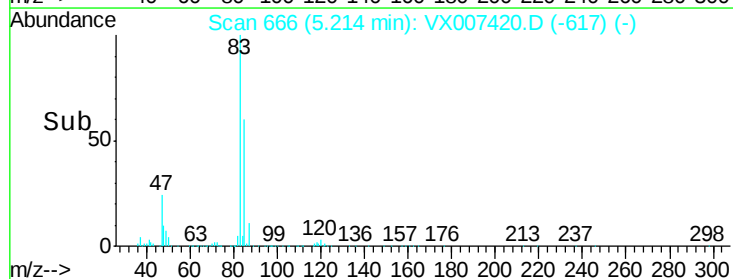
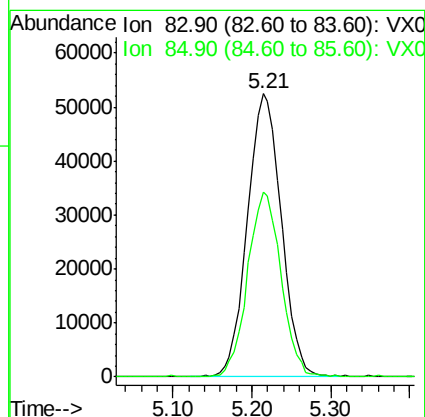
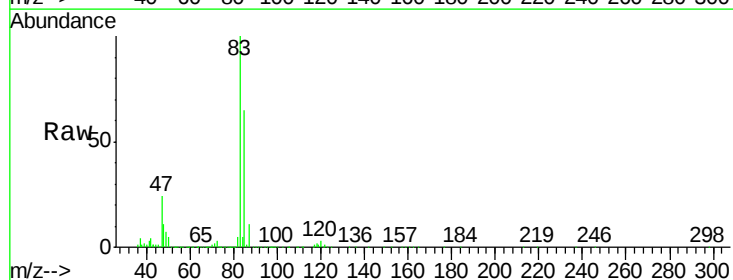
Instrument :
MSVOA_X
ClientSampleId :

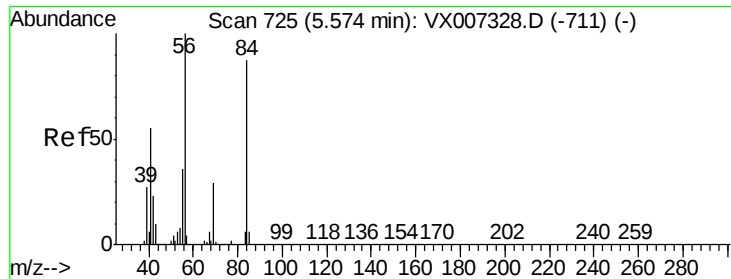
Tot Ion: 42 Resp: 213758
Ion Ratio Lower Upper
42 100
72 46.9 37.6 56.4
71 44.3 34.6 51.8



#30
Chloroform
Concen: 19.022 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 83 Resp: 157248
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4





#31

Cyclohexane

Concen: 17.671 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

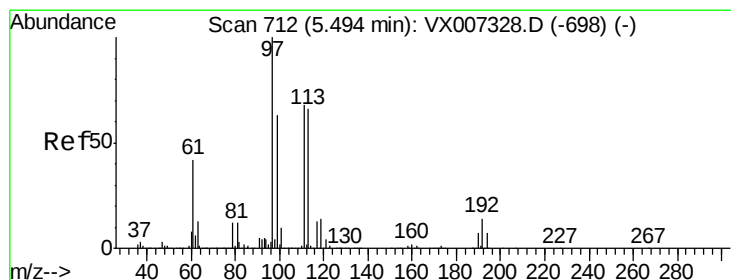
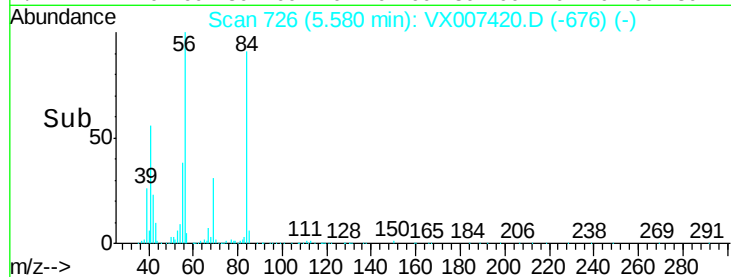
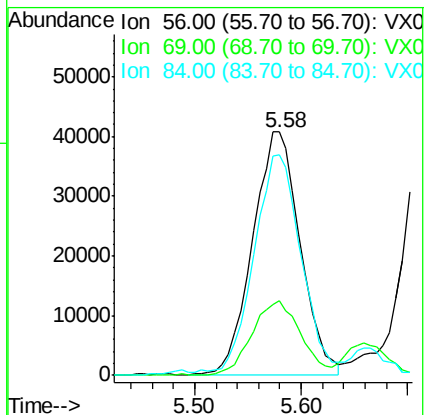
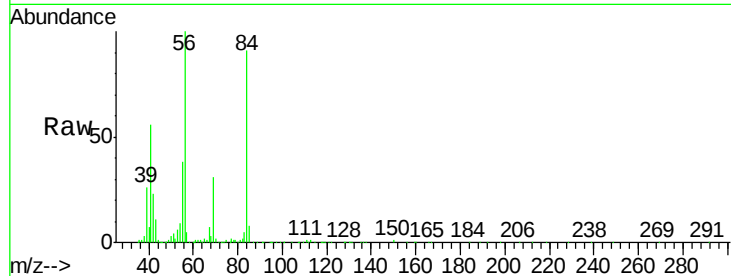
Tot Ion: 56 Resp: 125733

Ion Ratio Lower Upper

56 100

69 30.9 23.0 34.6

84 89.8 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 18.446 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

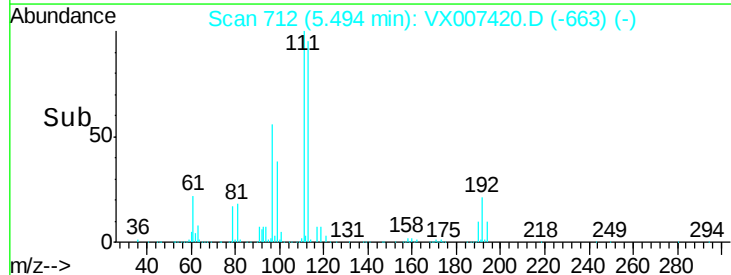
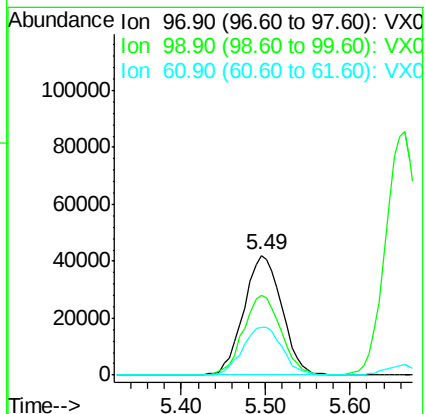
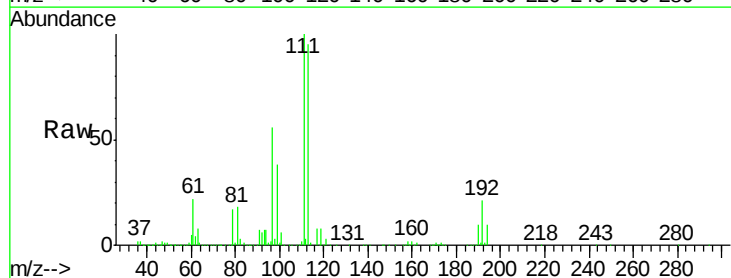
Tgt Ion: 97 Resp: 128711

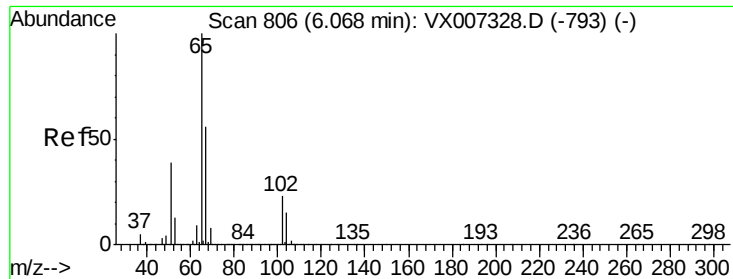
Ion Ratio Lower Upper

97 100

99 65.9 52.2 78.2

61 41.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.663 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

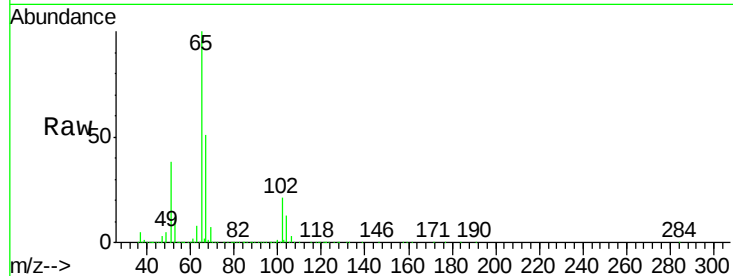
ClientSampled :

Tot Ion: 65 Resp: 248994

Ion Ratio Lower Upper

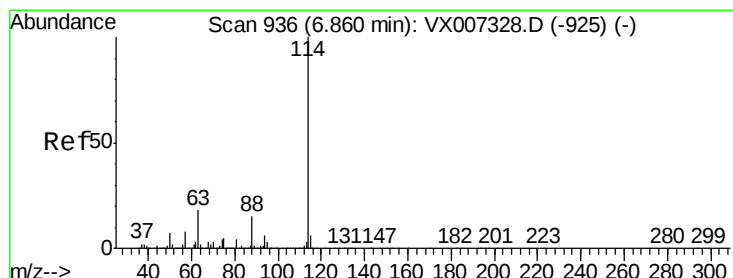
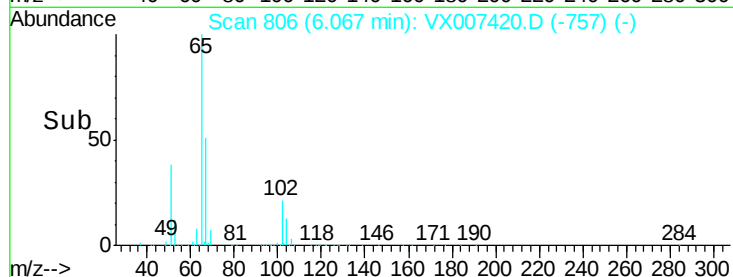
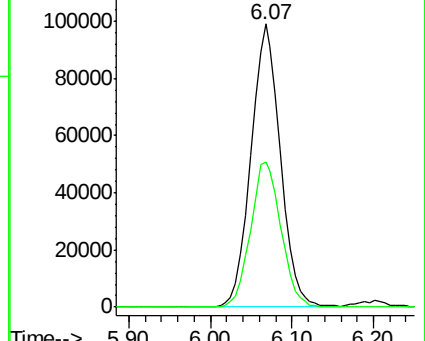
65 100

67 53.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

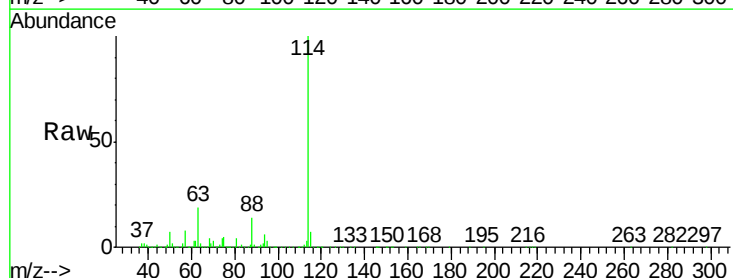
Tgt Ion: 114 Resp: 707124

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

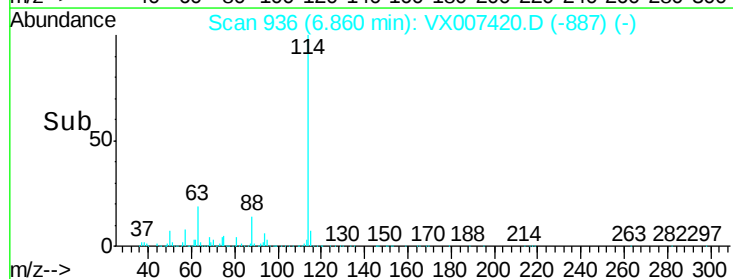
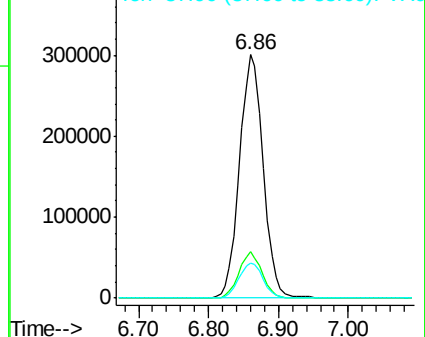
88 14.4 0.0 29.6

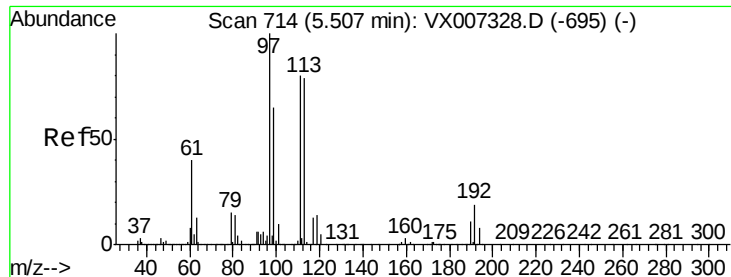


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

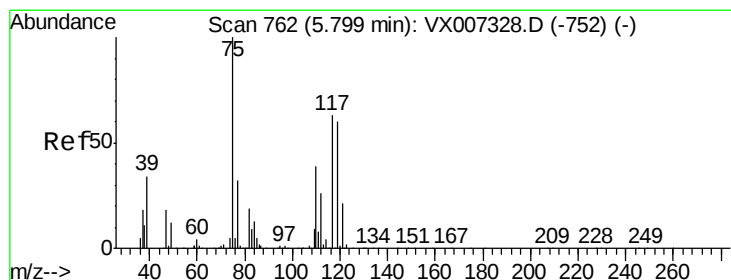
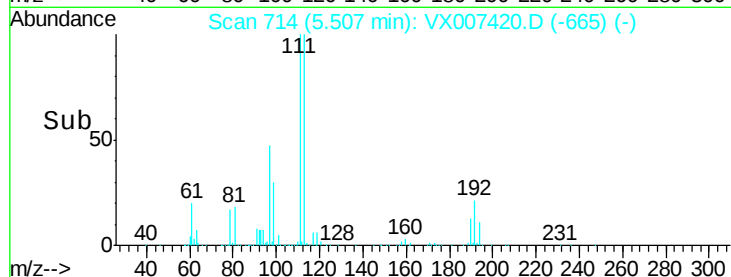
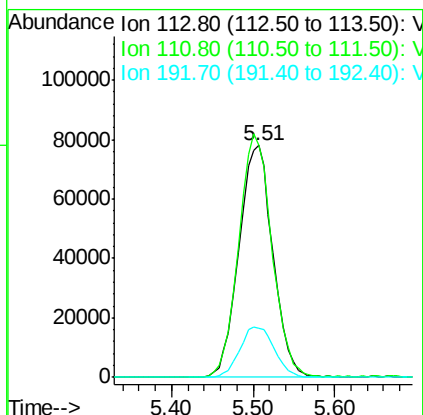
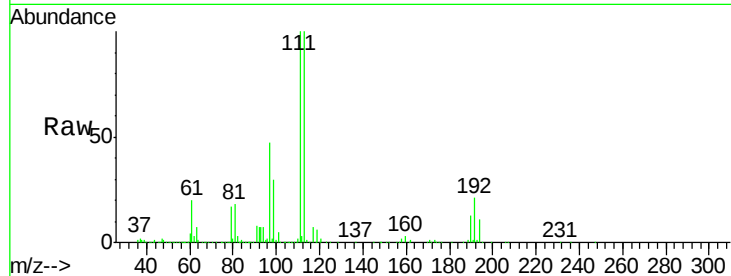




#35
 Dibromofluoromethane
 Concen: 48.767 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

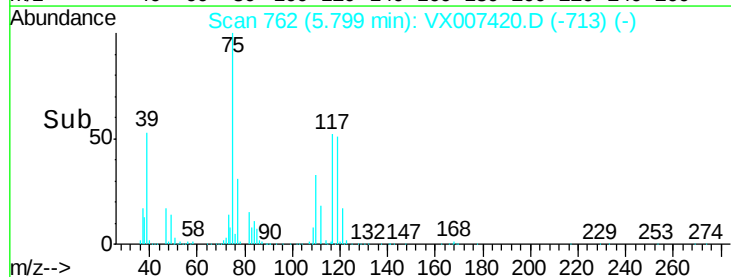
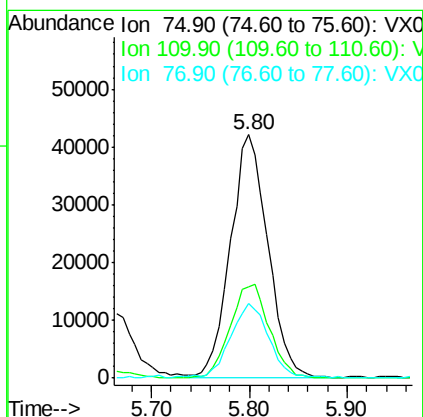
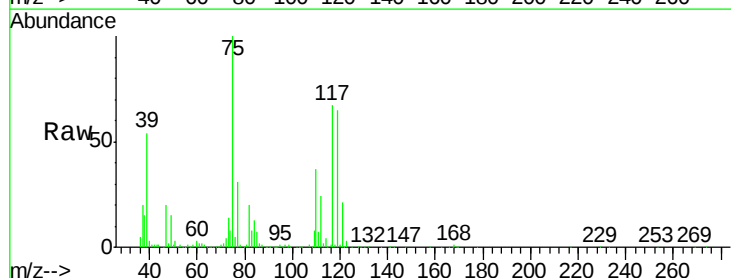
Instrument :
 MSVOA_X
 ClientSampleId :

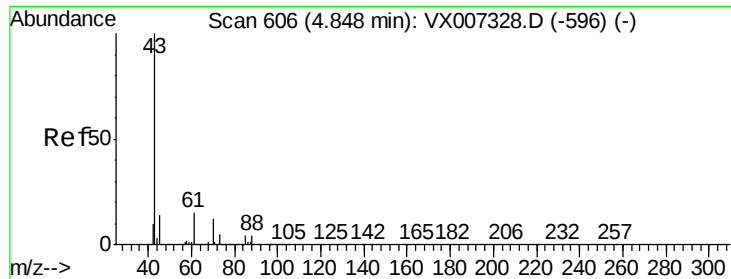
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	22.4	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 17.572 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	20.0	59.9
77	30.8	24.7	37.1

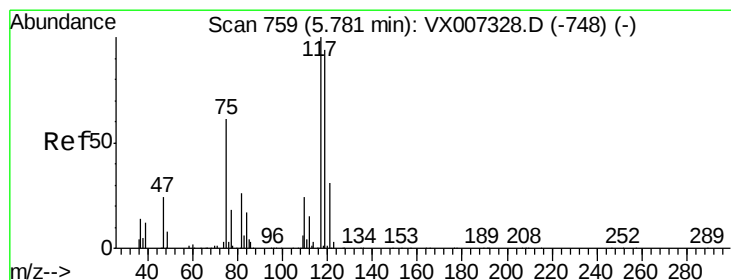
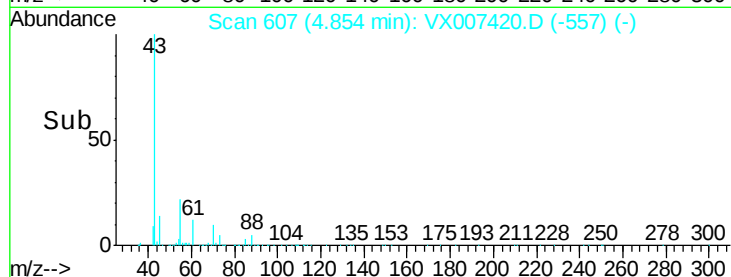
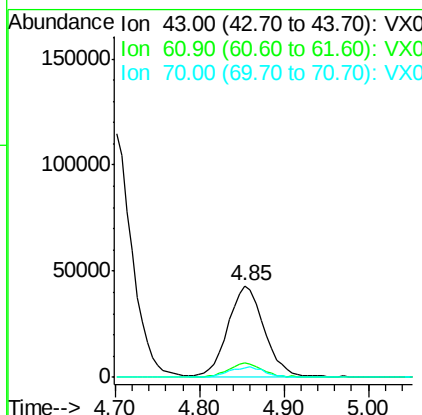
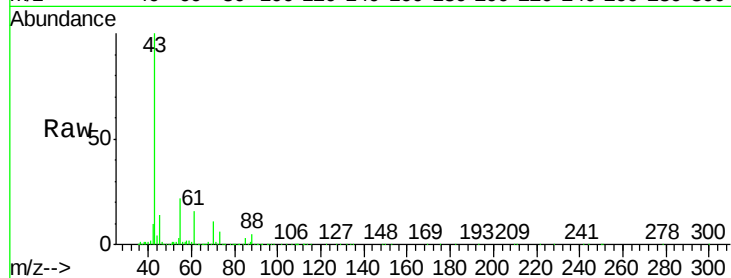




#37
Ethyl Acetate
Concen: 19.456 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

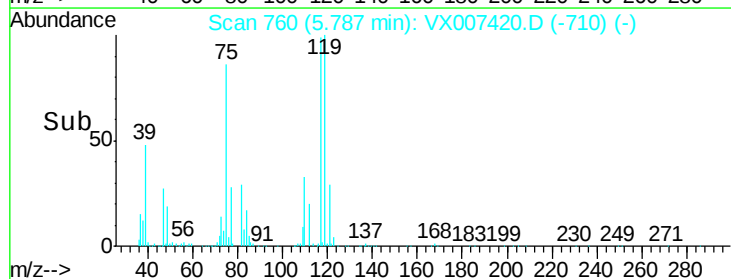
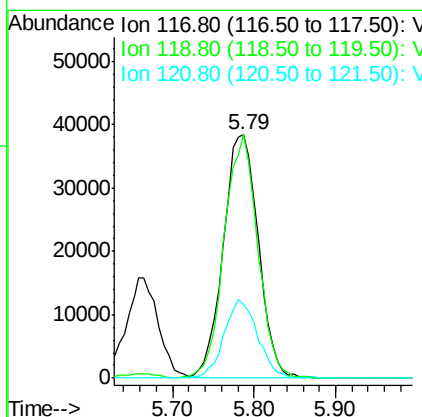
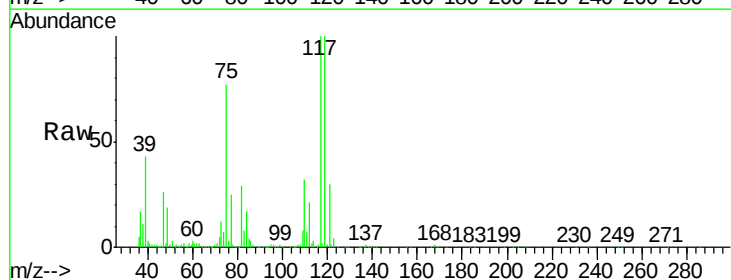
Instrument :
MSVOA_X
ClientSampled :

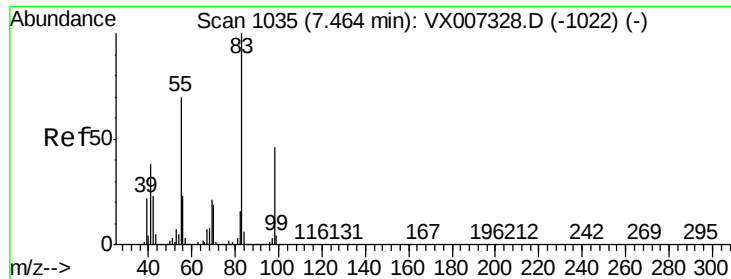
Tot Ion	43	Resp	124785
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.3	16.9
70	11.3	8.6	13.0



#38
Carbon Tetrachloride
Concen: 18.514 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	117	Resp	113956
Ion Ratio	Lower	Upper	
117	100		
119	99.6	75.3	112.9
121	30.2	25.0	37.4

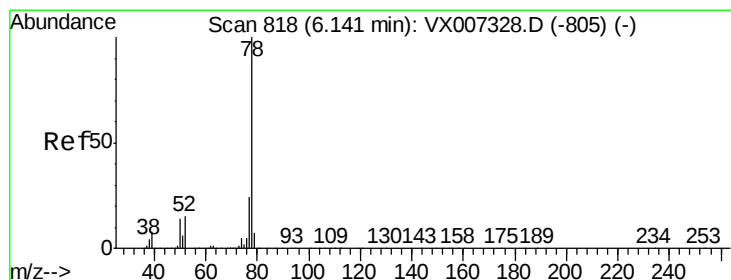
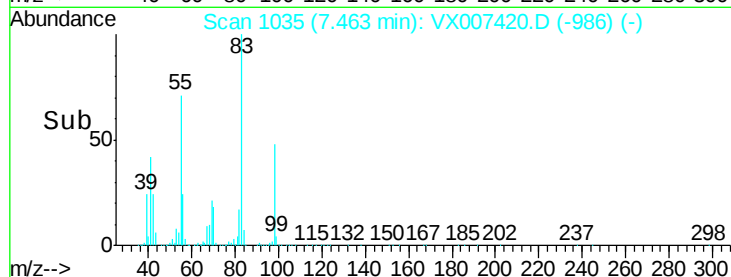
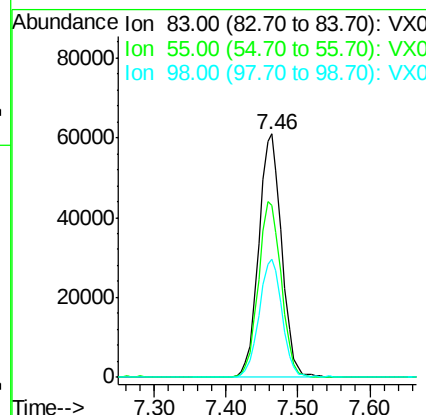
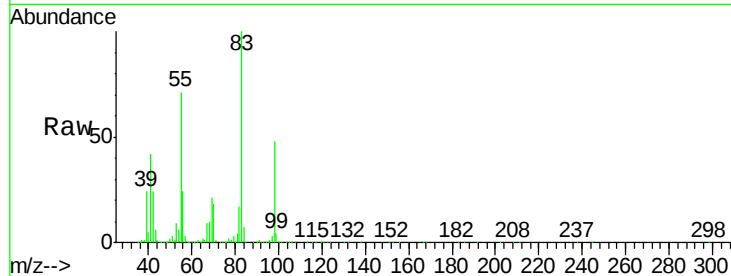




#39
Methvlcvclohexane
Concen: 17.576 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

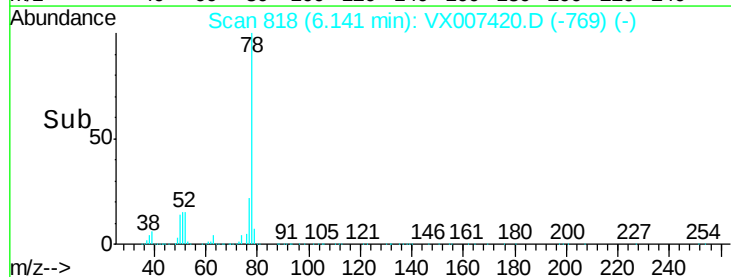
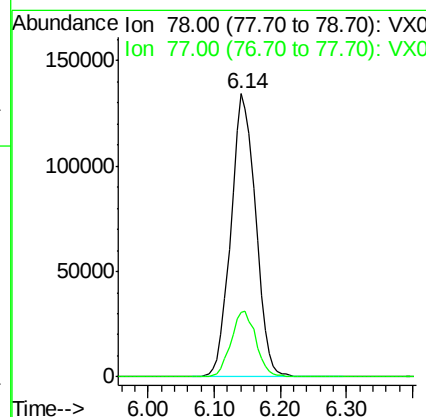
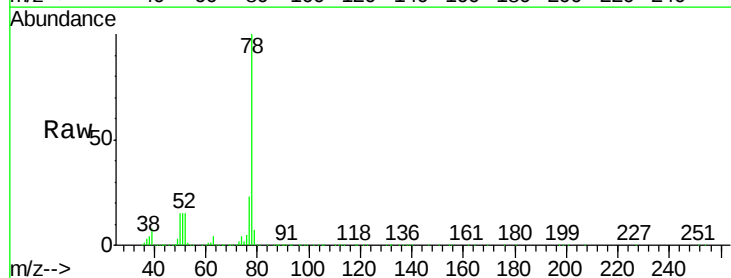
Instrument :
MSVOA_X
ClientSampleId :

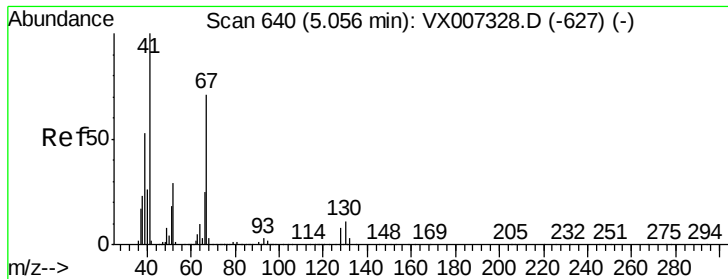
Tot Ion	83	Resp	134917
Ion Ratio	Lower	Upper	
83	100		
55	70.7	56.2	84.2
98	48.3	36.8	55.2



#40
Benzene
Concen: 18.706 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	78	Resp	349600
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.3	28.9

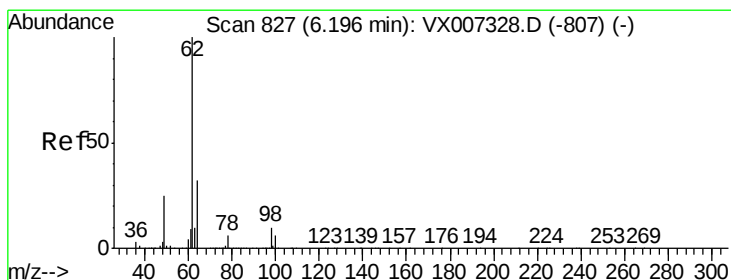
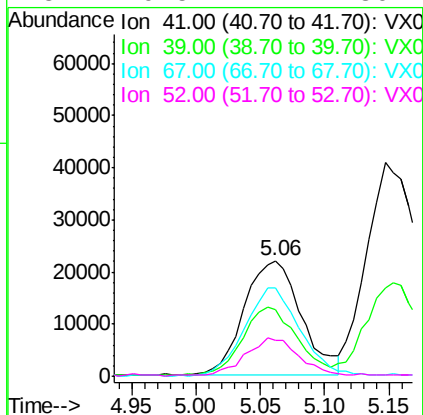
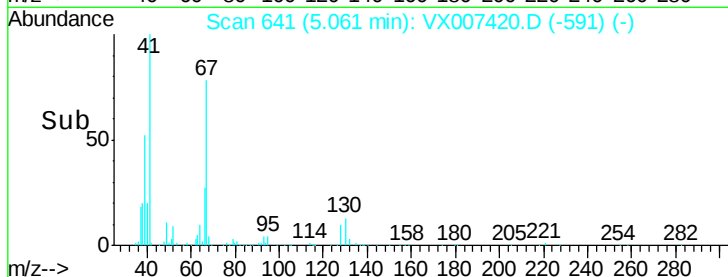
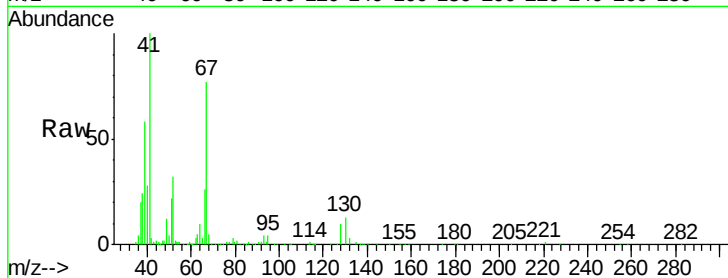




#41
Methacrylonitrile
Concen: 19.696 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

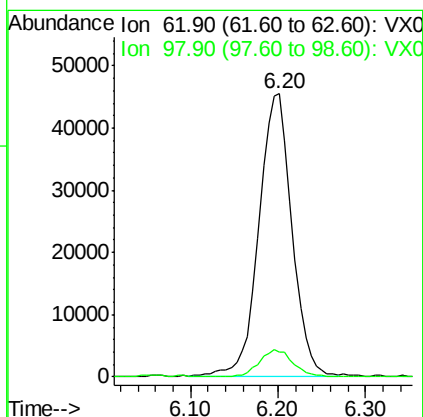
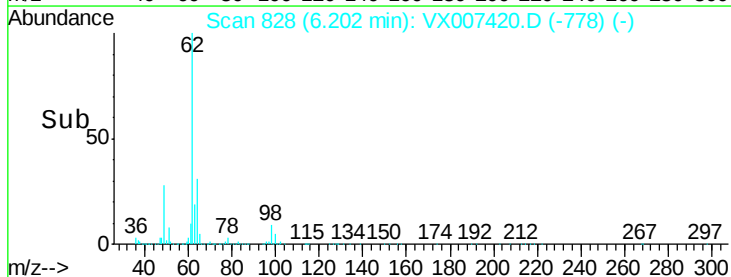
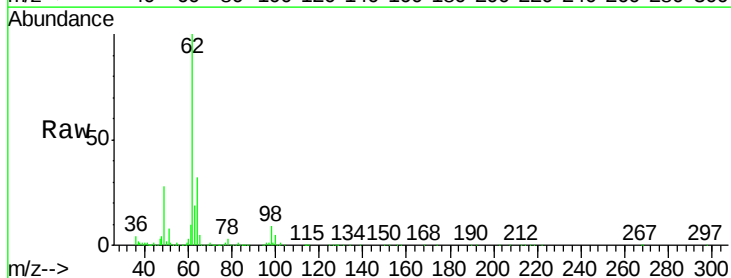
Instrument :
MSVOA_X
ClientSampleId :

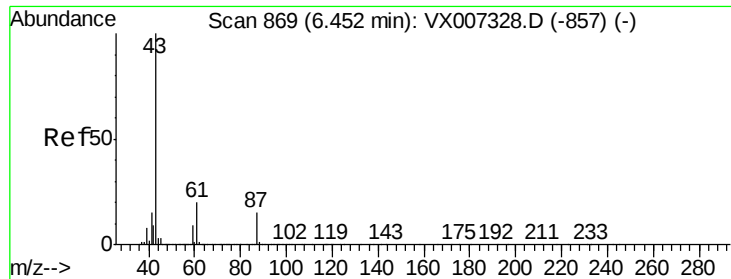
Tot Ion:	41	Resp:	67703
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.5	66.7
67	75.5	60.4	90.6
52	29.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 18.444 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion:	62	Resp:	119265
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0



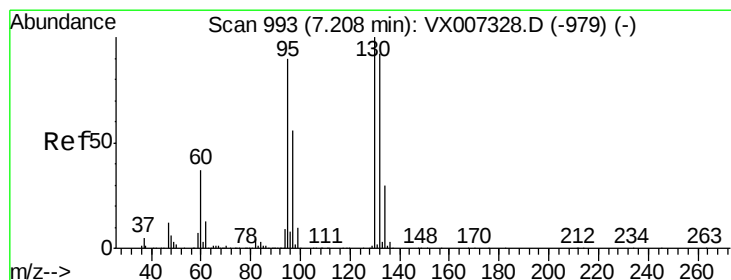
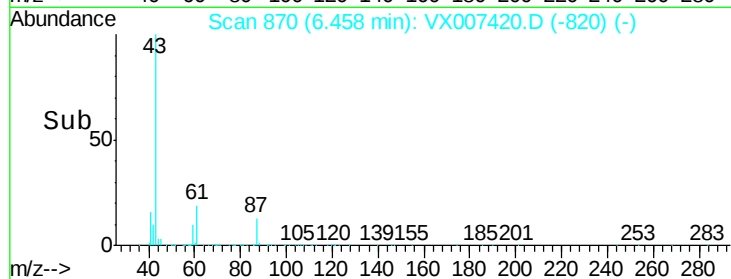
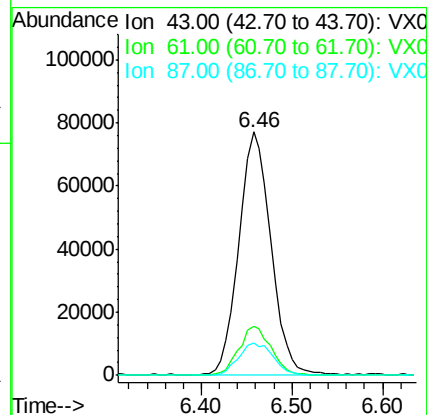
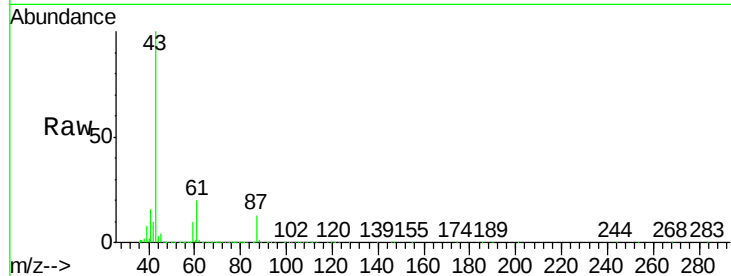


#43

Isopropyl Acetate
 Concen: 19.245 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampled :

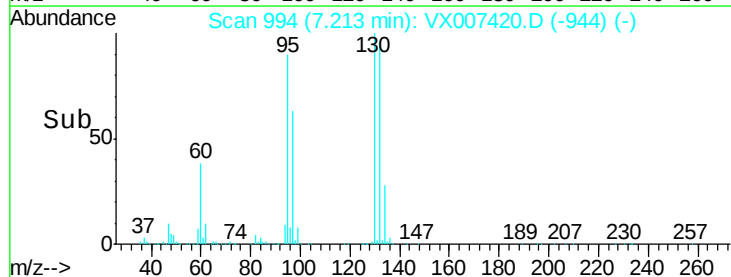
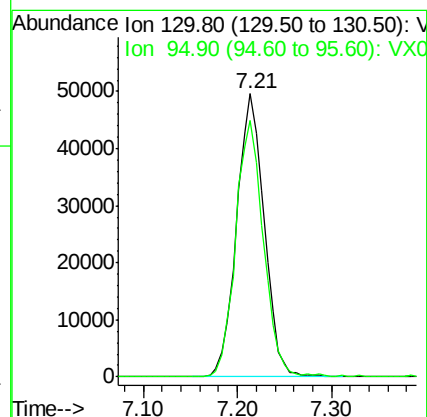
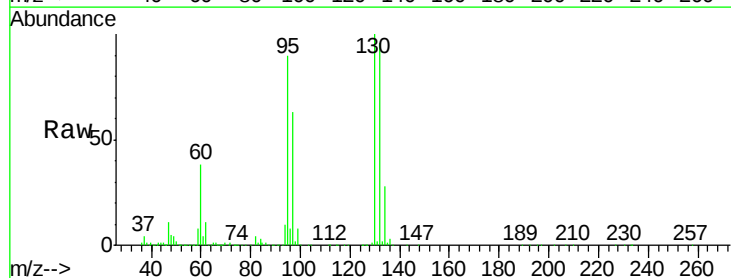
Tot Ion	43	Resp	190520
Ion Ratio	100	Lower	Upper
61	19.8	16.1	24.1
87	14.3	11.5	17.3

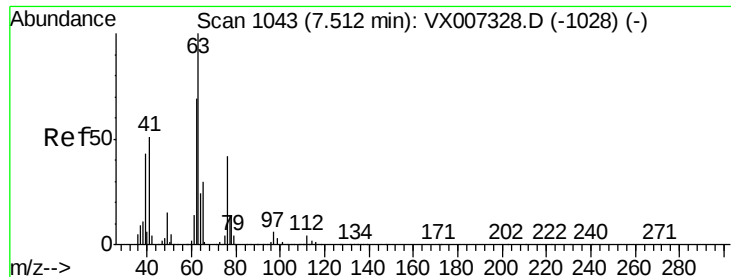


#44

Trichloroethene
 Concen: 17.988 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	130	Resp	101250
Ion Ratio	100	Lower	Upper
95	90.3	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.474 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

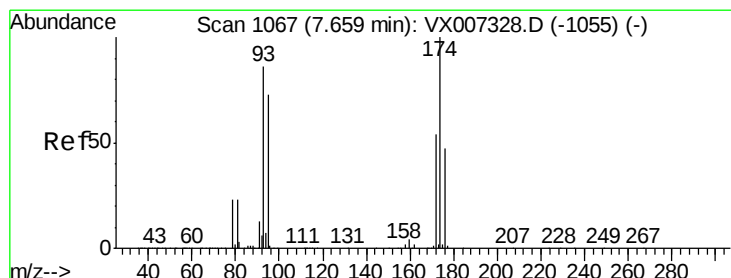
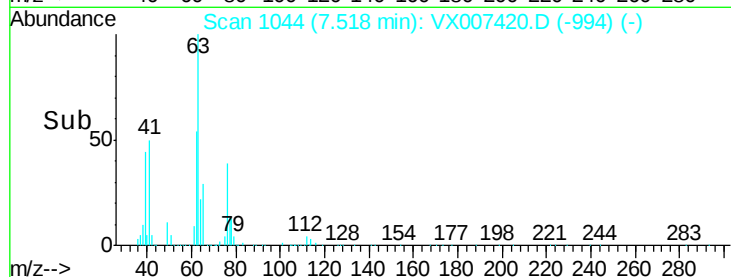
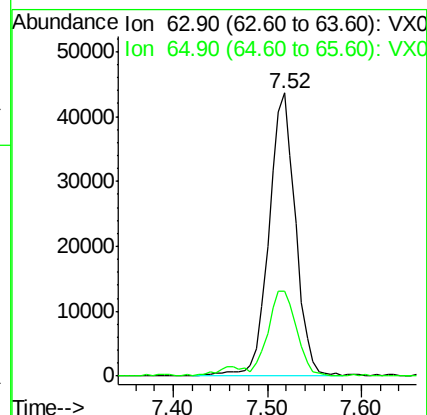
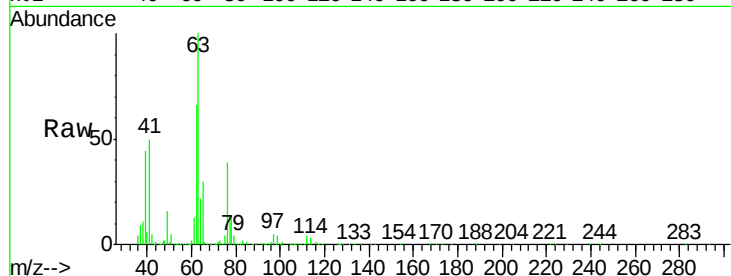
ClientSampleId :

Tot Ion: 63 Resp: 86507

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.2



#46

Dibromomethane

Concen: 18.160 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

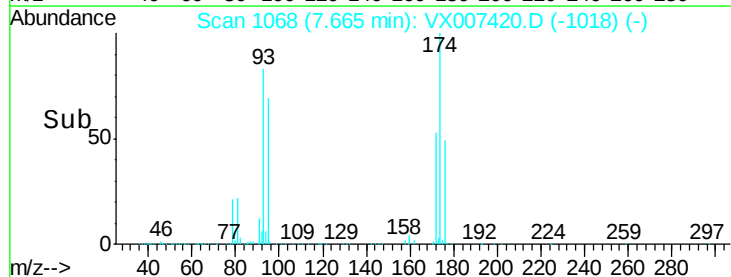
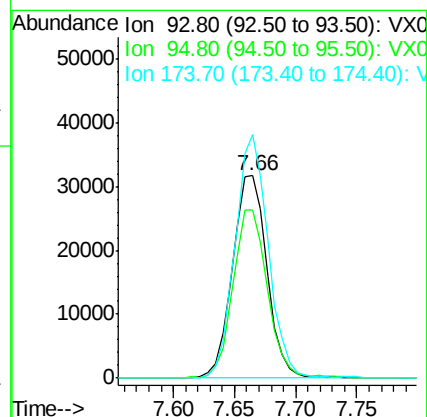
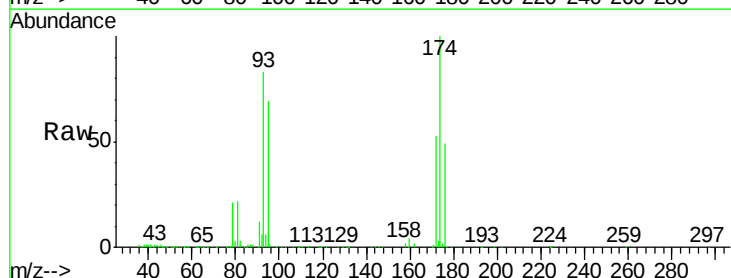
Tgt Ion: 93 Resp: 61804

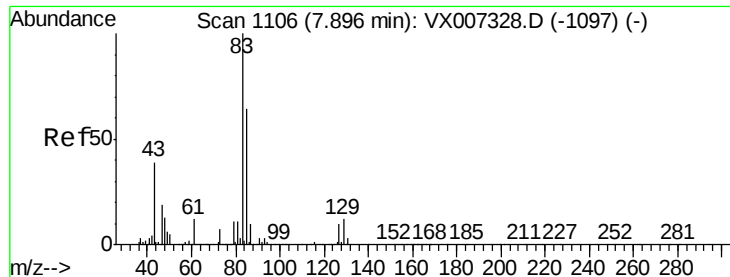
Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

174 115.3 94.2 141.4





#47

Bromodichloromethane

Concen: 18.032 ug/l

RT: 7.90 min Scan# 1106

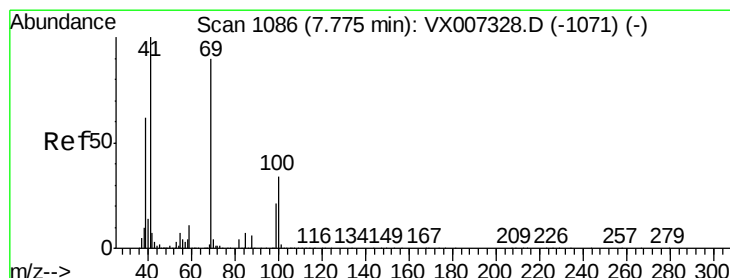
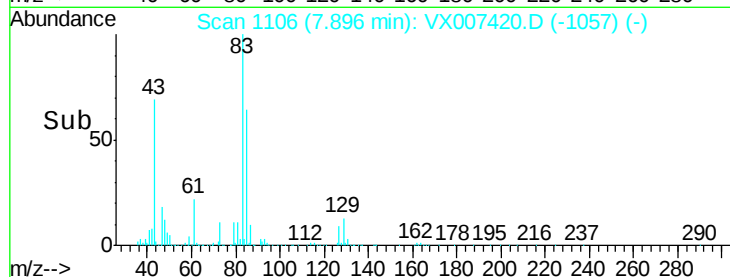
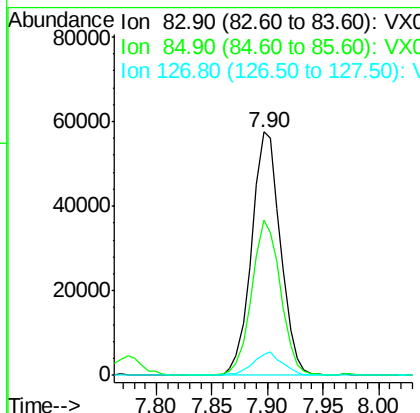
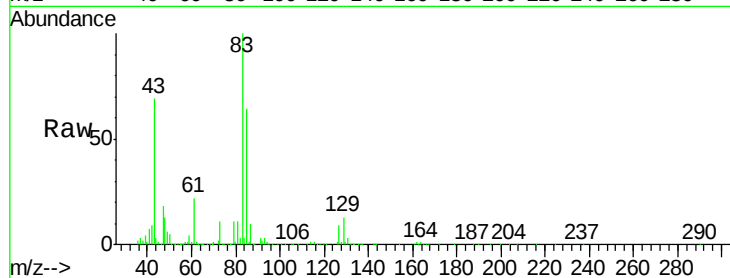
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	104007
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.0
127	8.7	8.1	12.1



#48

Methyl methacrylate

Concen: 19.649 ug/l

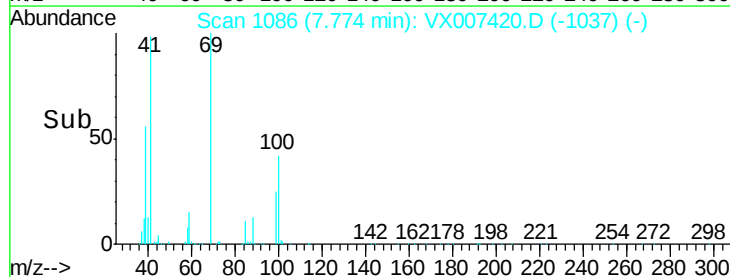
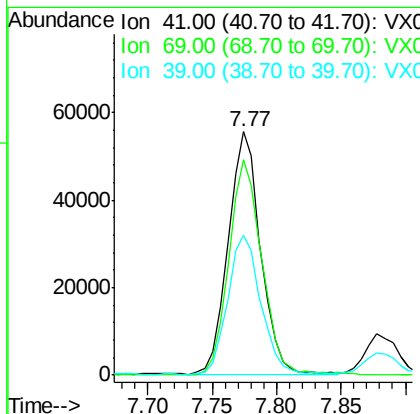
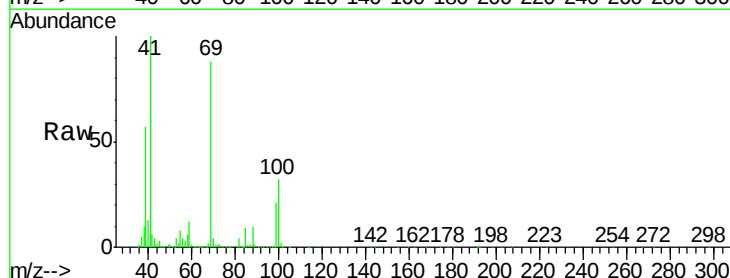
RT: 7.77 min Scan# 1086

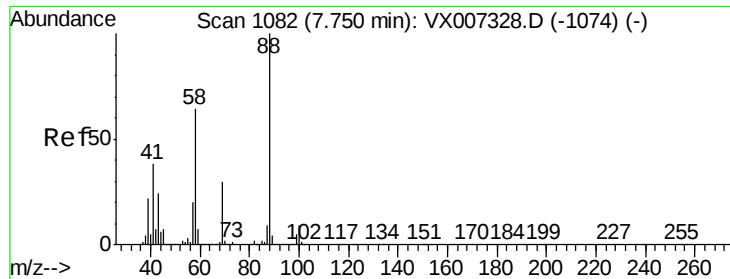
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	41	Resp:	97296
Ion	Ratio	Lower	Upper
41	100		
69	90.3	70.2	105.4
39	58.4	47.4	71.0





#49

1,4-Dioxane

Concen: 431.553 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :

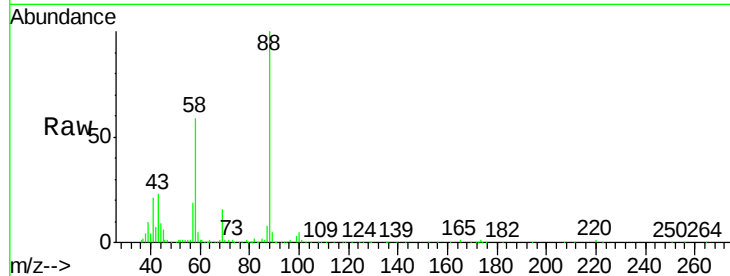
Tot Ion: 88 Resp: 48154

Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	63.8	53.0	79.4

88 100

43 29.3 24.2 36.4

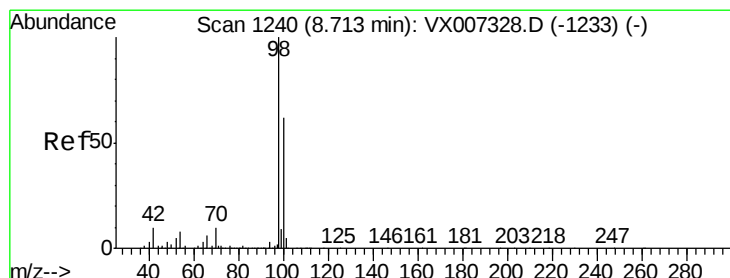
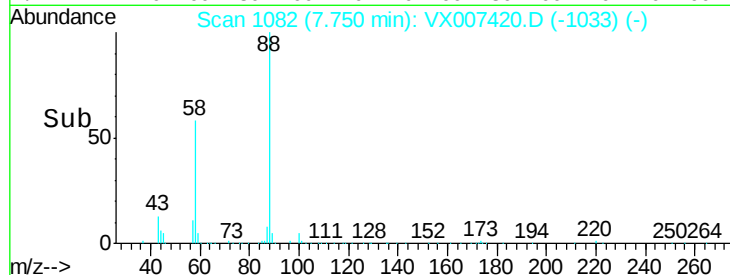
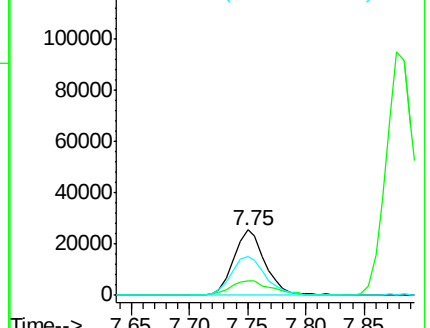
58 63.8 53.0 79.4



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: 48.734 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007420.D

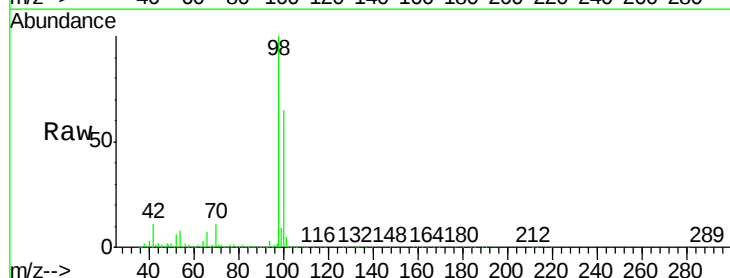
Acq: 07 Feb 2019 12:56

Tgt Ion: 98 Resp: 831920

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

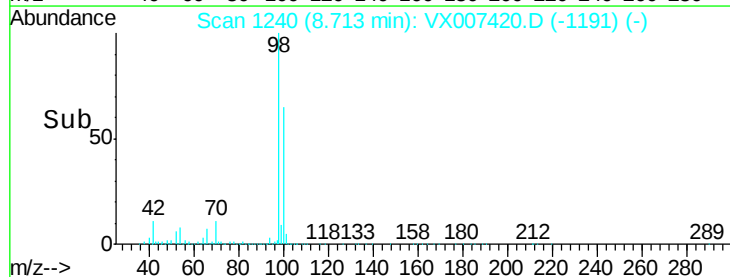
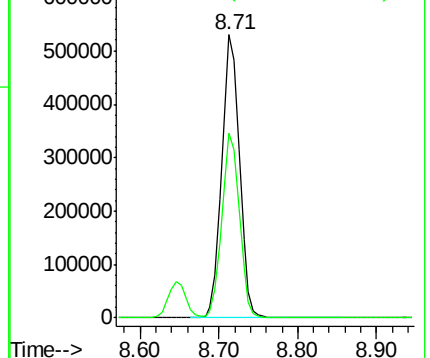
98 100

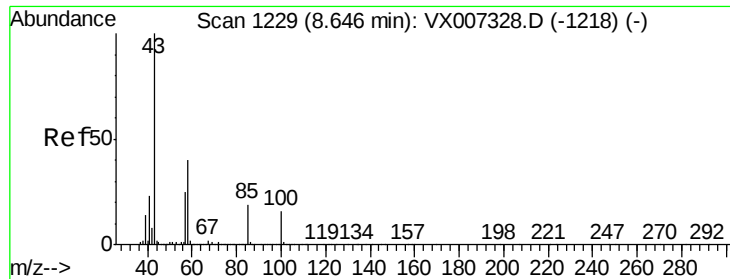
100 64.7 51.6 77.4



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: 98.386 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

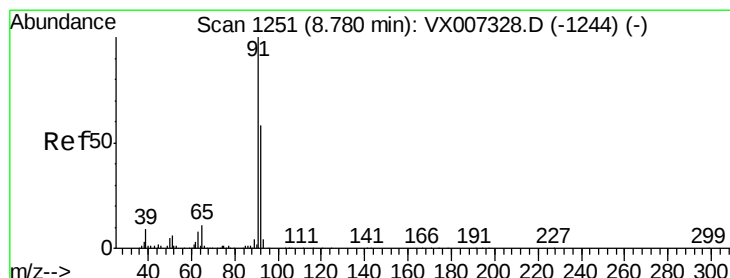
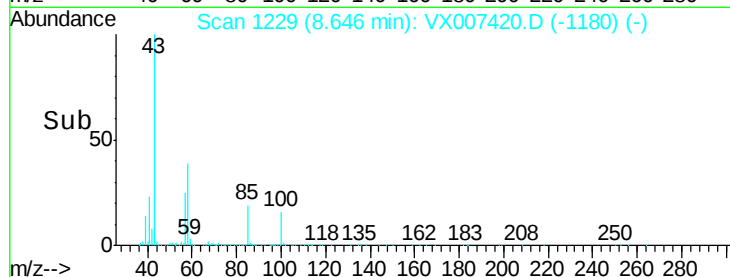
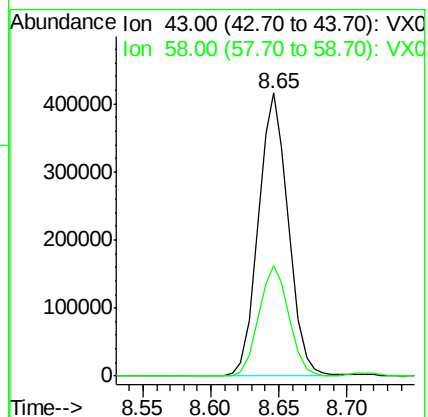
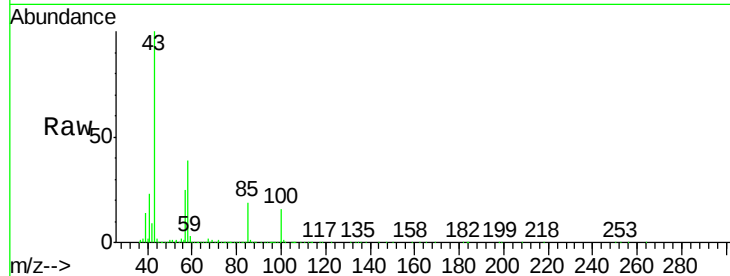
ClientSampleId :

Tot Ion: 43 Resp: 641166

Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8



#52

Toluene

Concen: 18.567 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007420.D

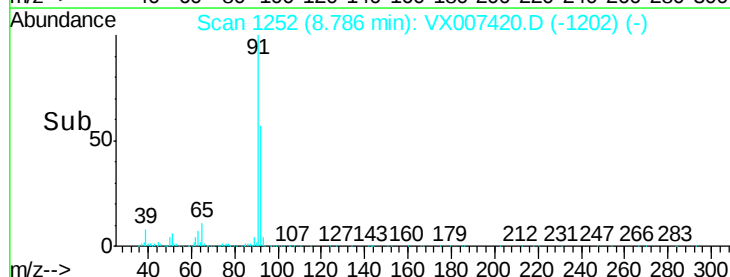
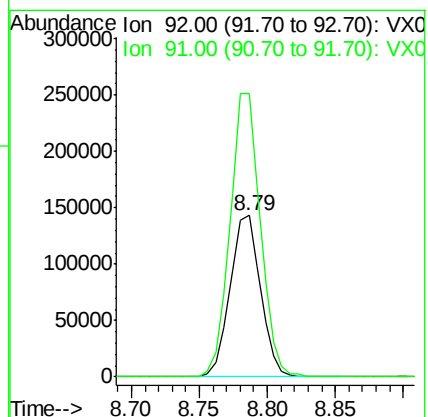
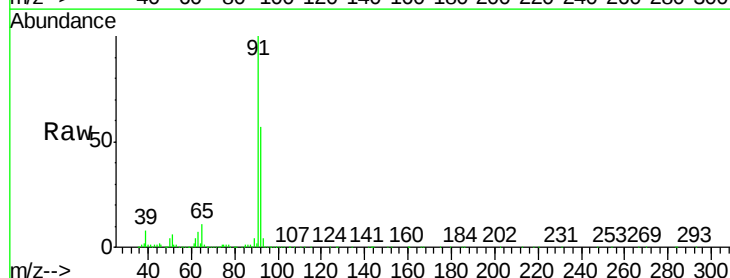
Acq: 07 Feb 2019 12:56

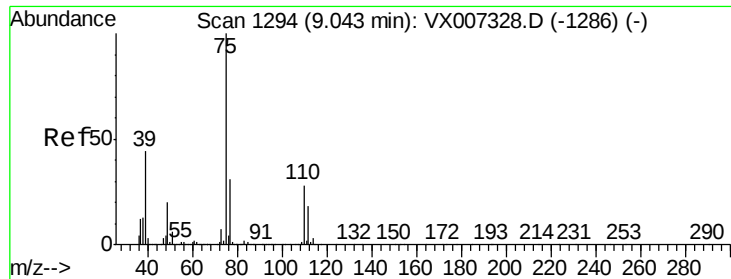
Tgt Ion: 92 Resp: 223886

Ion Ratio Lower Upper

92 100

91 174.0 139.1 208.7

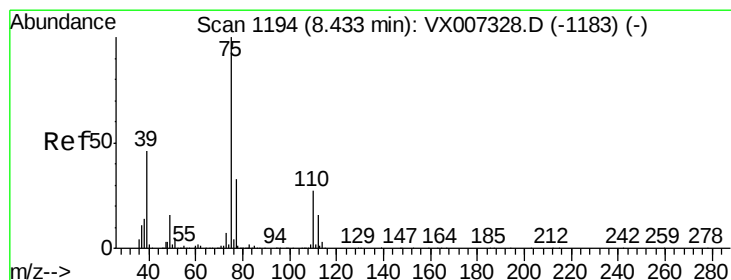
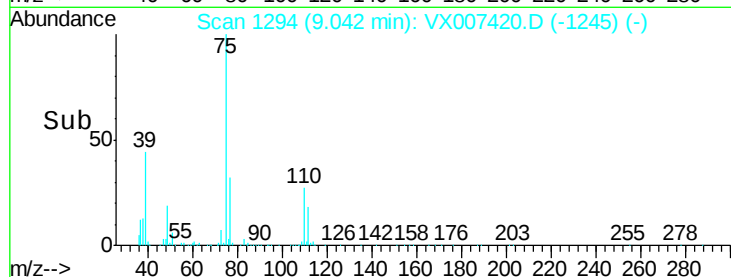
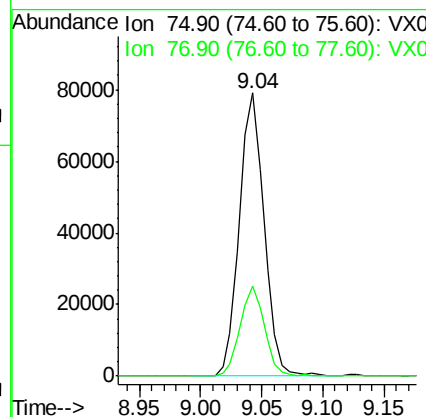
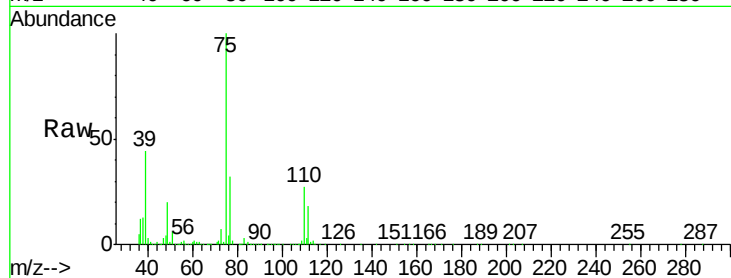




#53
 t-1,3-Dichloropropene
 Concen: 17.723 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

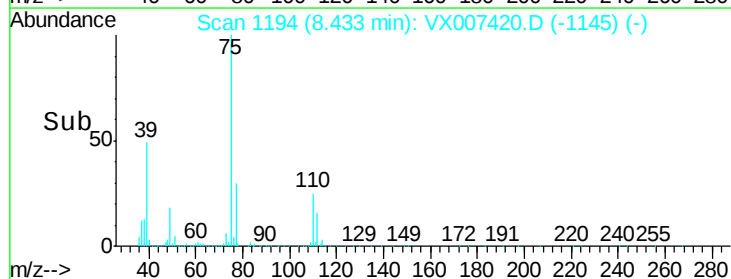
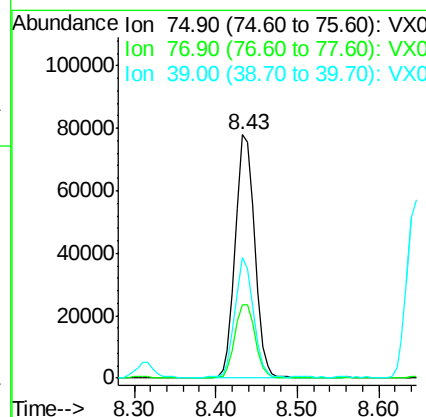
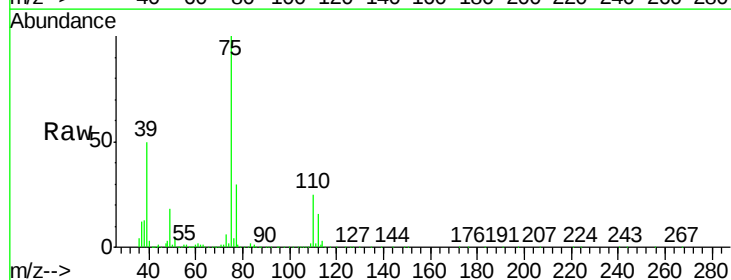
Instrument :
 MSVOA_X
 ClientSampleId :

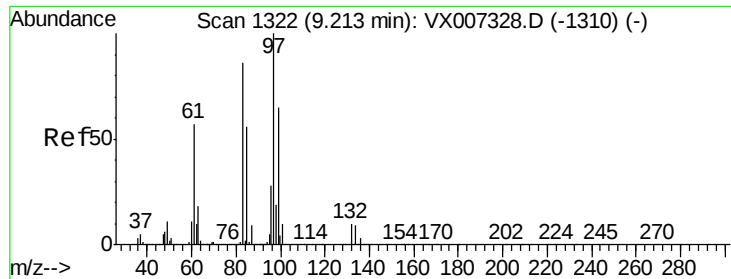
Tot Ion: 75 Resp: 109804
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.768 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion: 75 Resp: 127872
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.4
 39 49.4 37.1 55.7

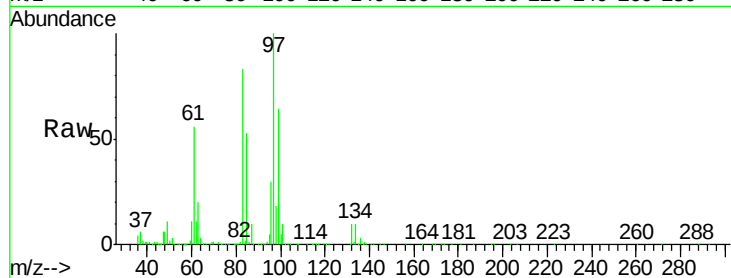




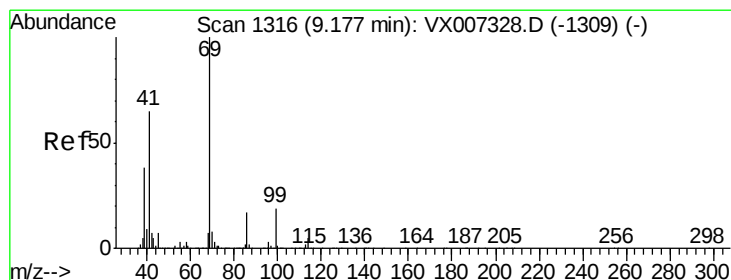
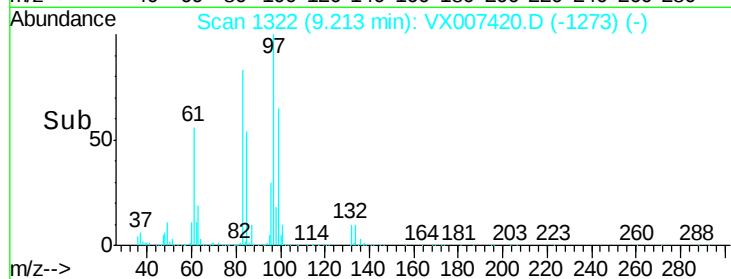
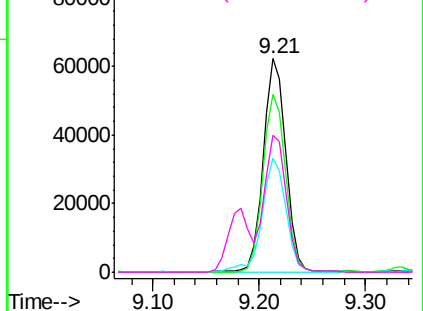
#55
 1,1,2-Trichloroethane
 Concen: 18.528 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	93127
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.6	102.8
85	53.4	44.5	66.7
99	64.4	52.2	78.4

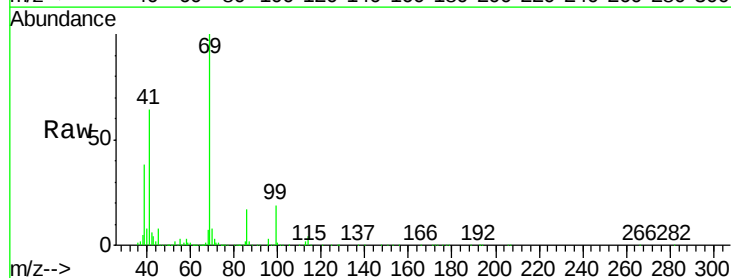


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

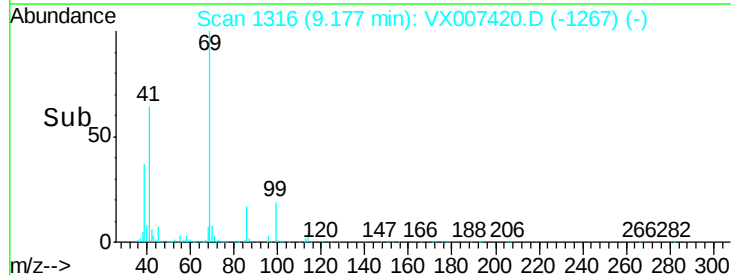
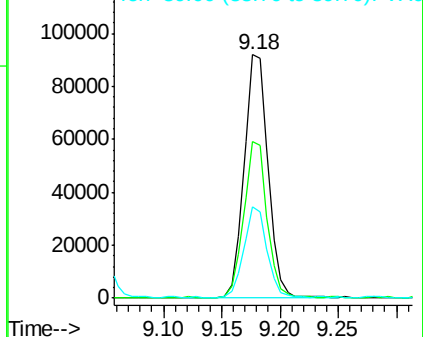


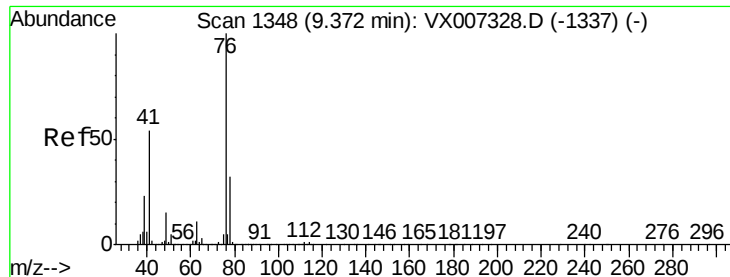
#56
 Ethyl methacrylate
 Concen: 18.934 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion:	69	Resp:	131808
Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.1	78.1
39	35.8	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: 18.943 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

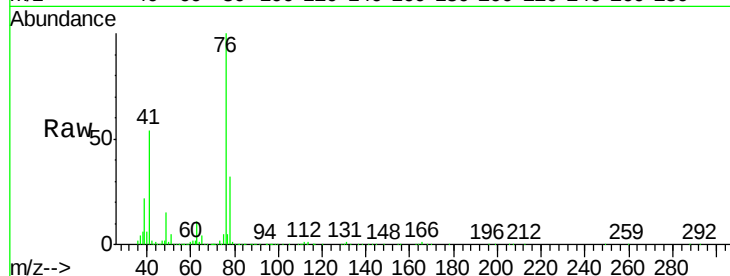
ClientSampleId :

Tot Ion: 76 Resp: 151417

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

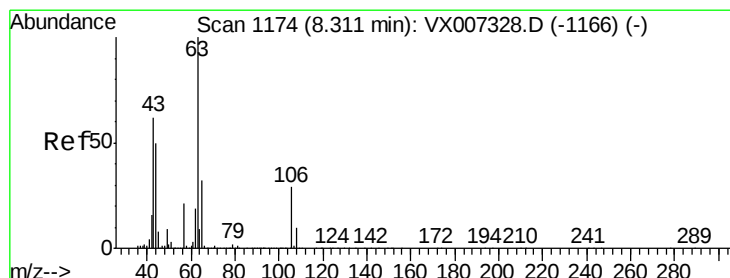
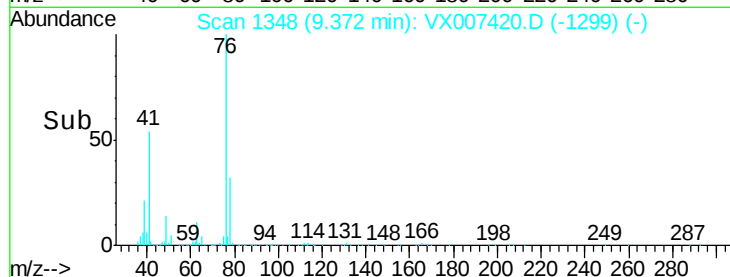
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.083 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007420.D

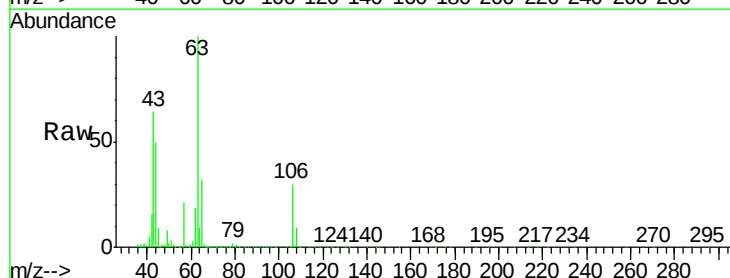
Acq: 07 Feb 2019 12:56

Tgt Ion: 63 Resp: 352559

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

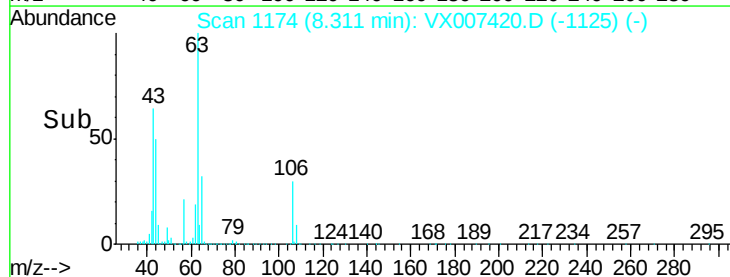
150000

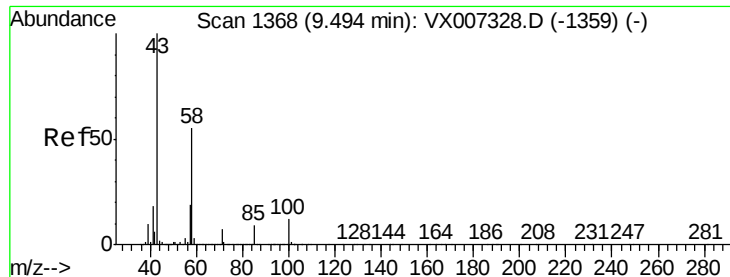
100000

50000

0

Time-->

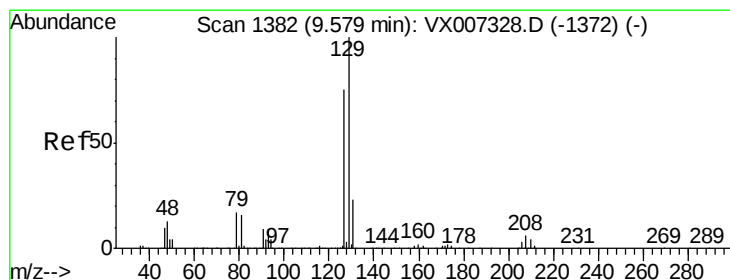
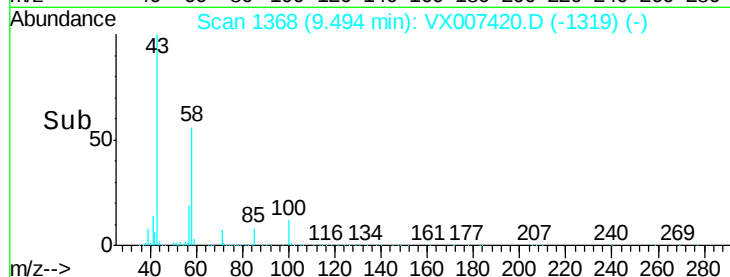
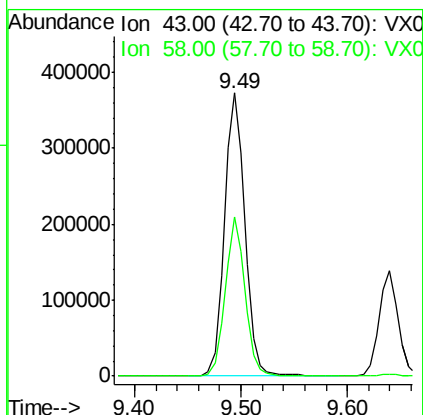
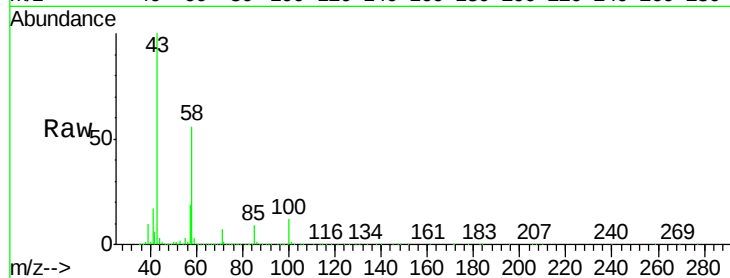




#59
2-Hexanone
Concen: 99.020 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

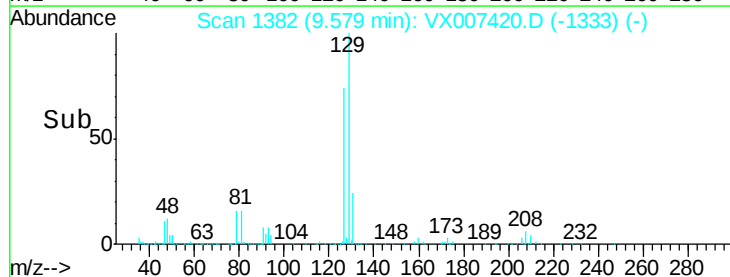
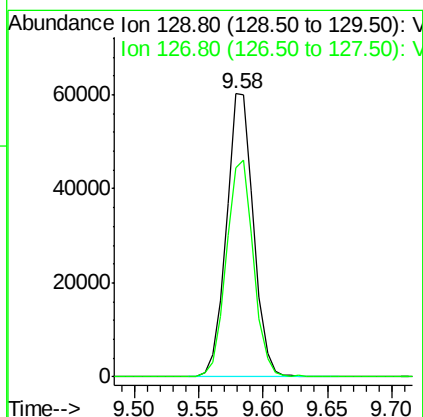
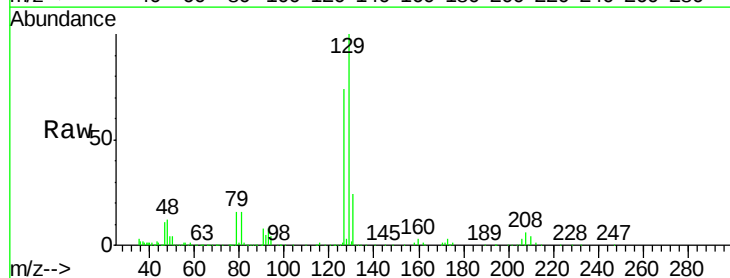
Instrument :
MSVOA_X
ClientSampleId :

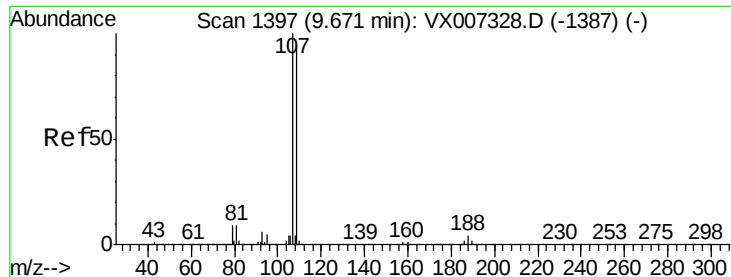
Tot Ion: 43 Resp: 502151
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 18.709 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 129 Resp: 88936
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.804 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

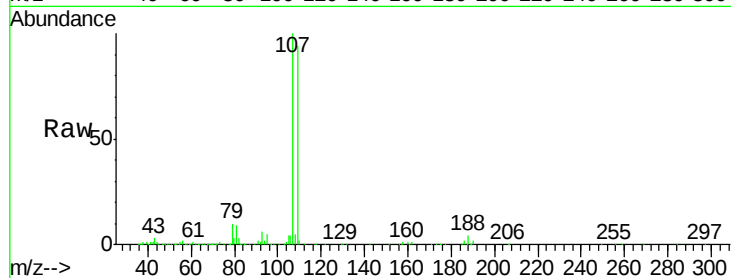
ClientSampleId :

Tot Ion:107 Resp: 100092

Ion Ratio Lower Upper

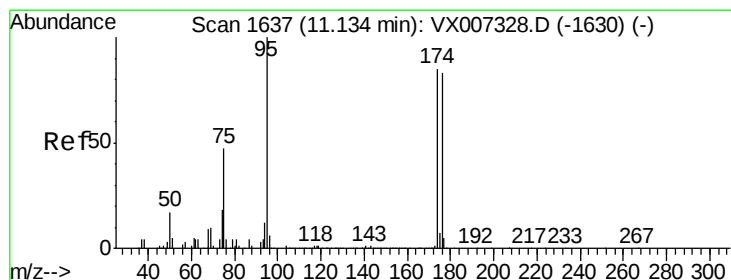
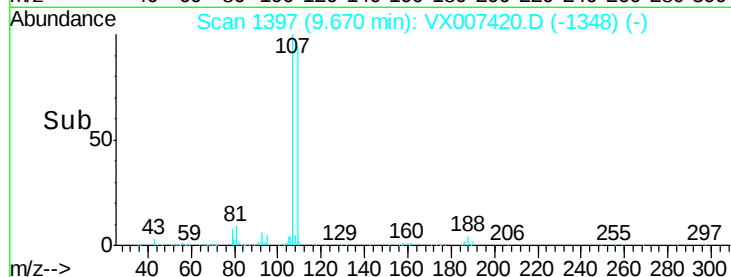
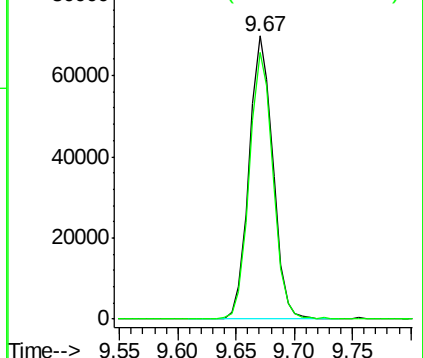
107 100

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: 47.430 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

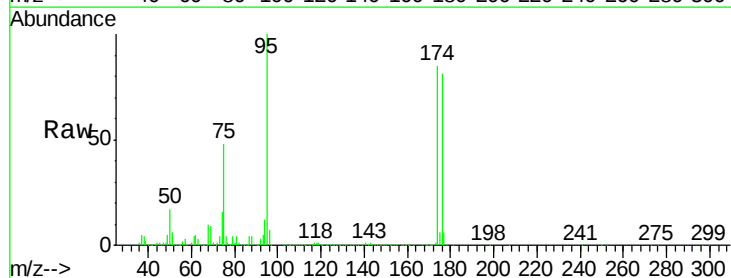
Tgt Ion: 95 Resp: 295604

Ion Ratio Lower Upper

95 100

174 93.4 0.0 189.2

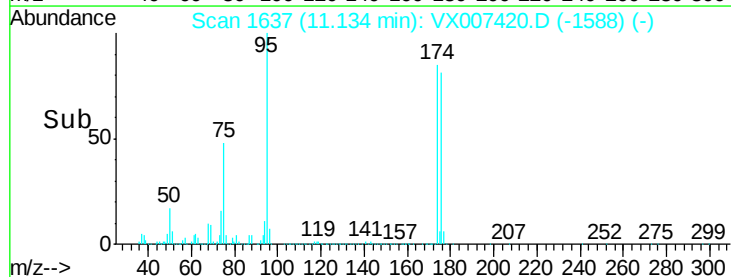
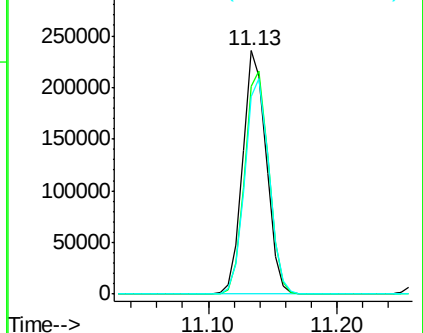
176 90.7 0.0 186.2

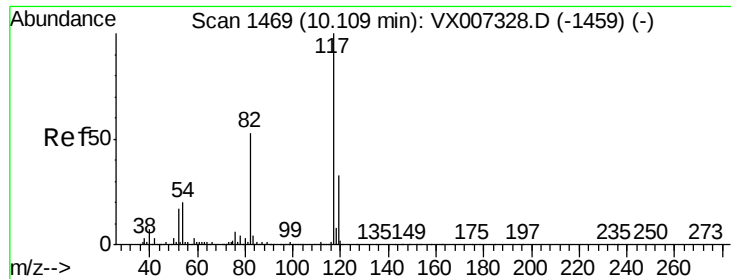


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

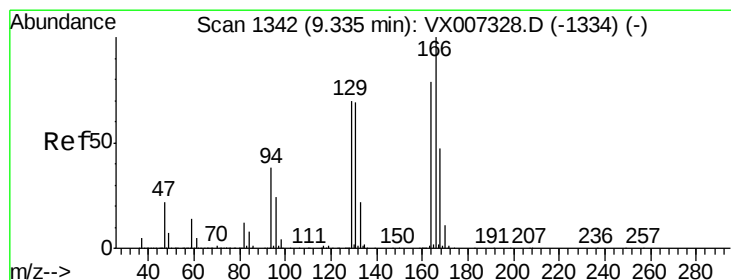
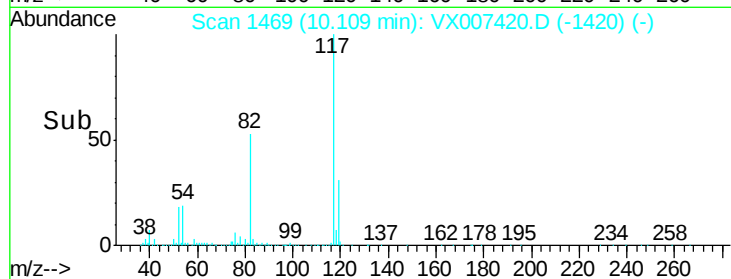
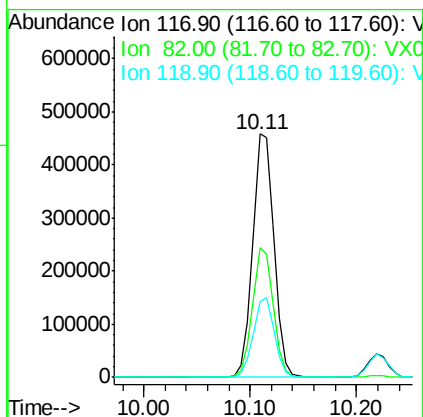
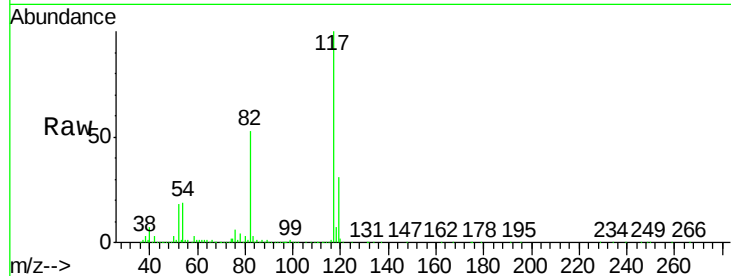




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

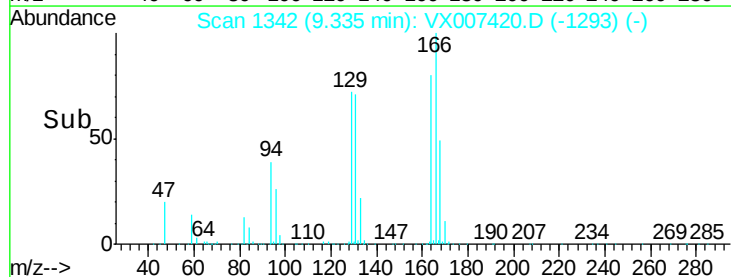
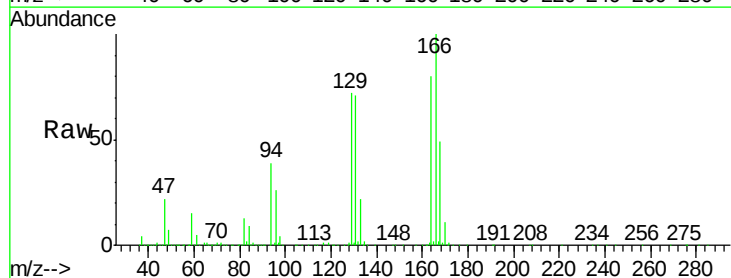
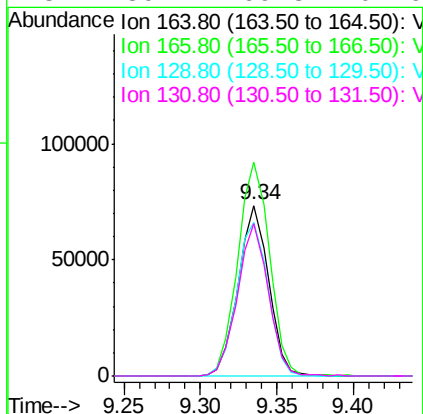
Instrument :
MSVOA_X
ClientSampleId :

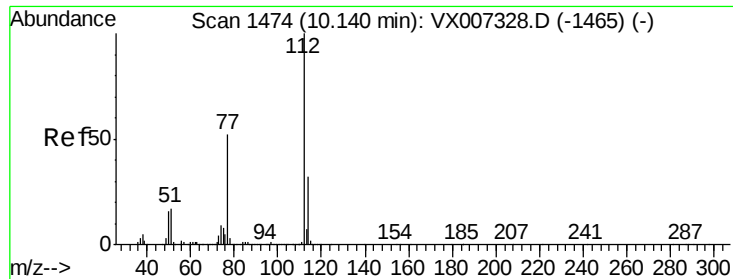
Tot Ion:117 Resp: 644460
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 31.3 26.5 39.7



#64
Tetrachloroethene
Concen: 16.767 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion:164 Resp: 101849
Ion Ratio Lower Upper
164 100
166 125.1 101.0 151.4
129 89.7 70.5 105.7
131 89.1 69.8 104.6

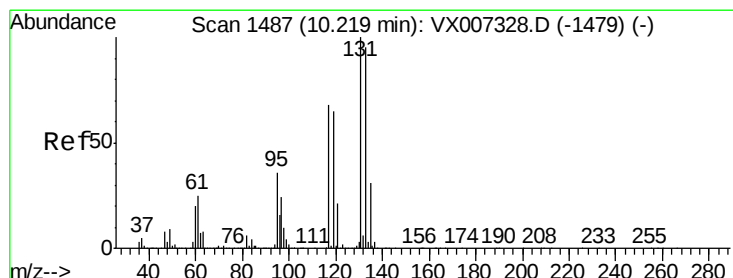
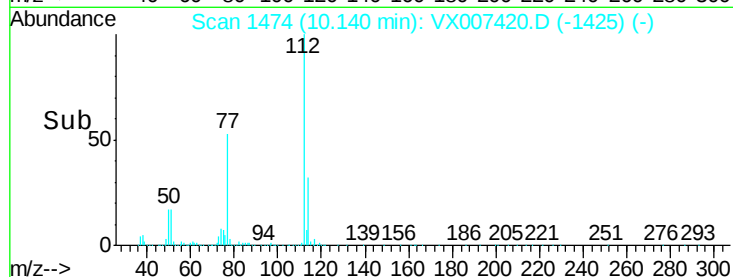
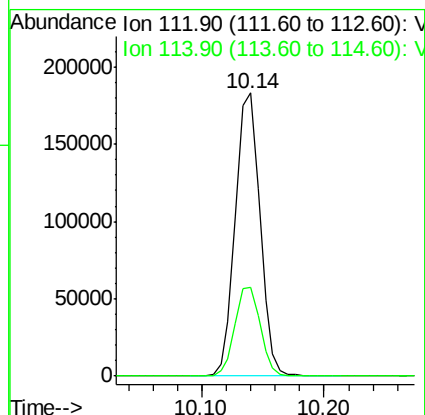
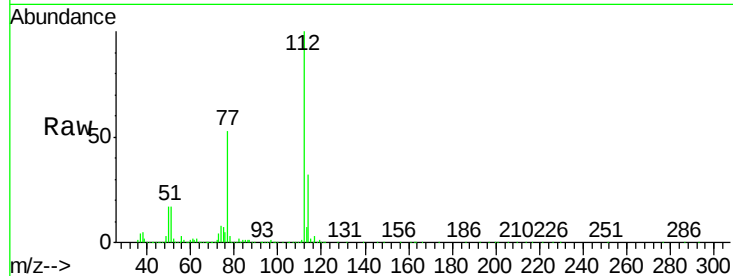




#65
Chlorobenzene
Concen: 18.201 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

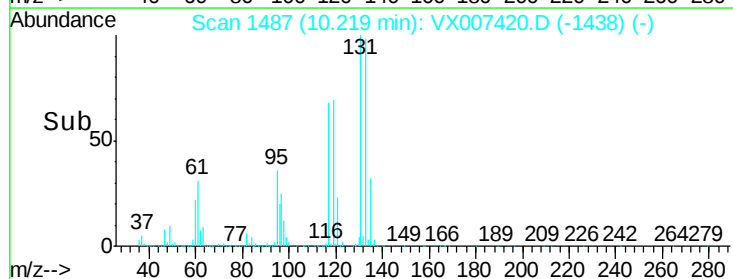
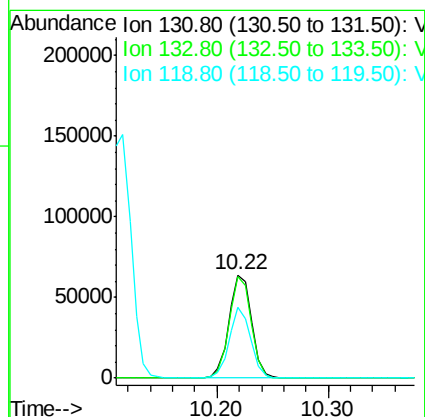
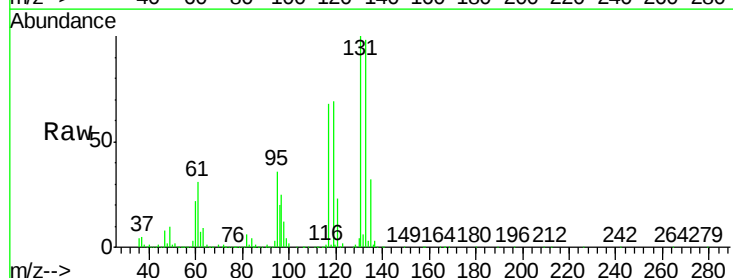
Instrument :
MSVOA_X
ClientSampleId :

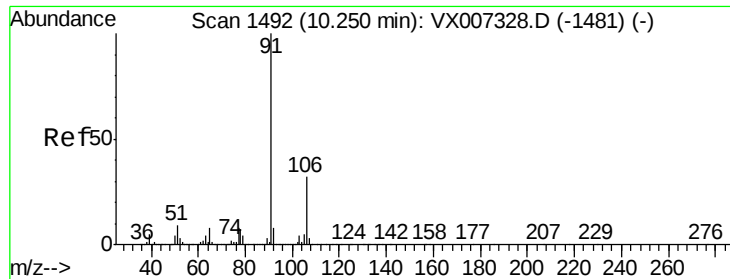
Tot Ion:112 Resp: 255963
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.060 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion:131 Resp: 89868
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 64.8 32.0 96.0





#67

Ethyl Benzene

Concen: 18.317 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

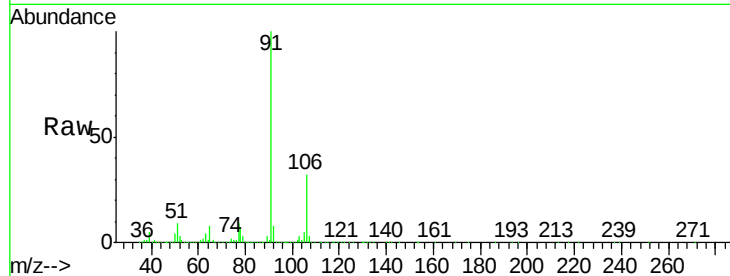
ClientSampleId :

Tot Ion: 91 Resp: 414830

Ion Ratio Lower Upper

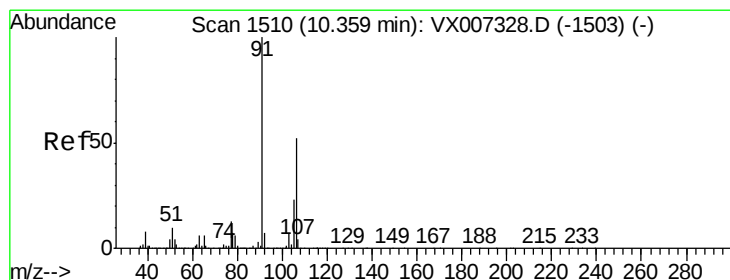
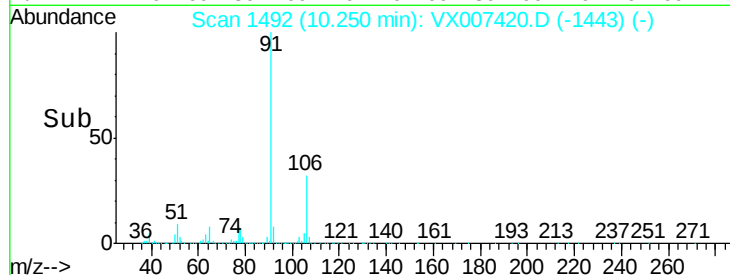
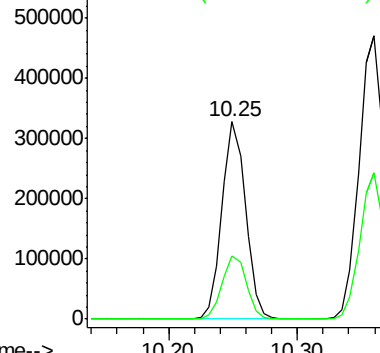
91 100

106 32.1 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: 35.975 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007420.D

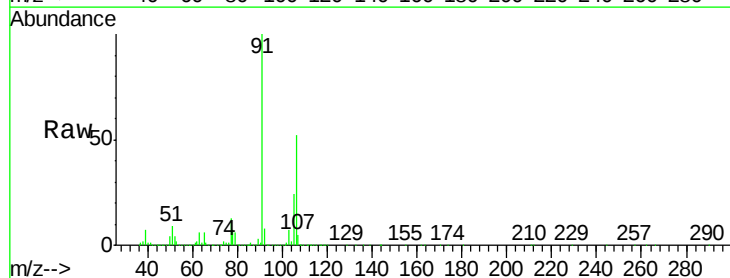
Acq: 07 Feb 2019 12:56

Tgt Ion: 106 Resp: 323868

Ion Ratio Lower Upper

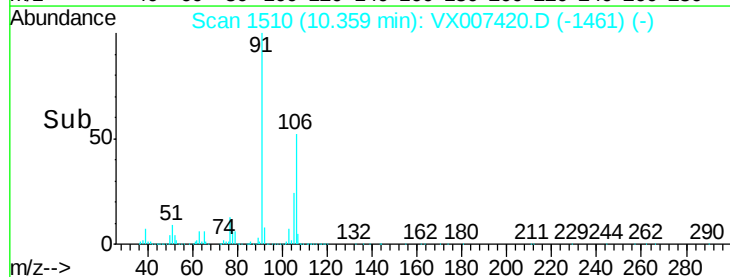
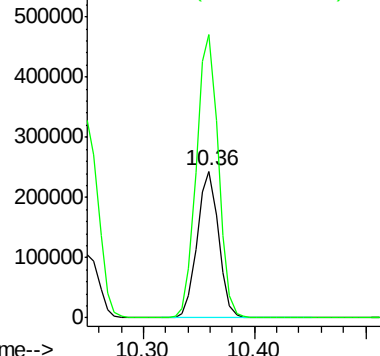
106 100

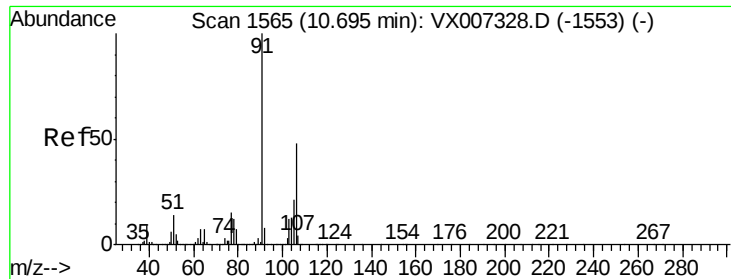
91 198.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

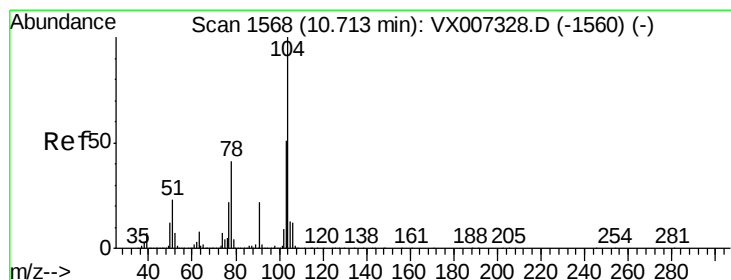
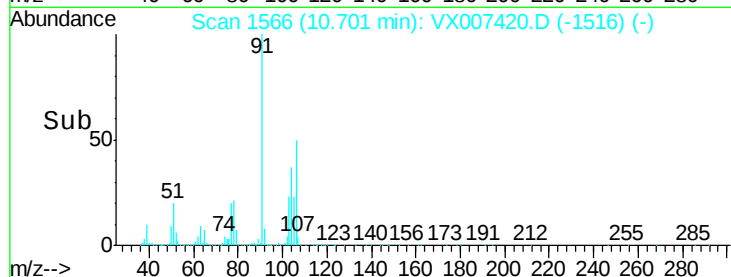
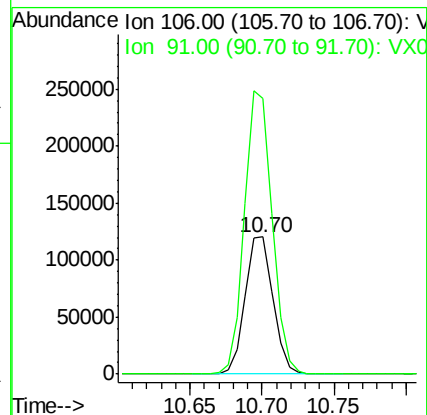
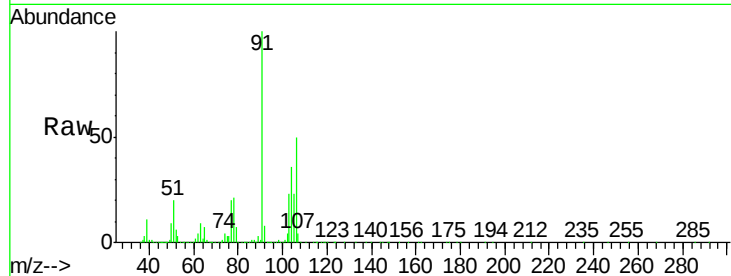




#69
o-Xylene
Concen: 18.564 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

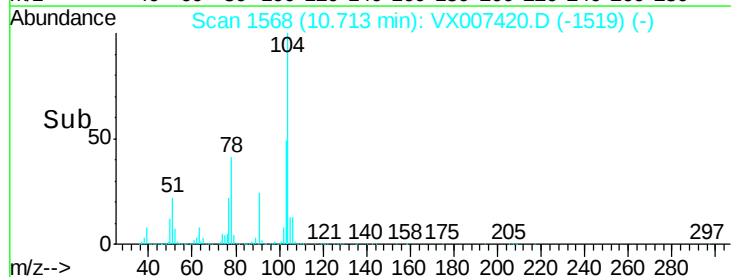
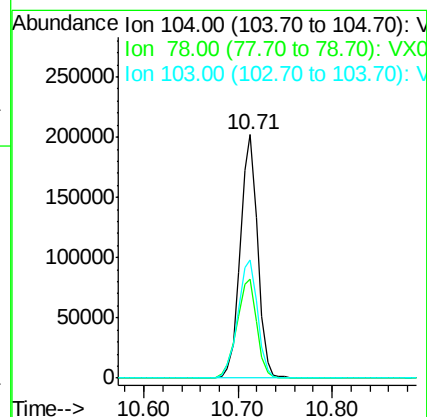
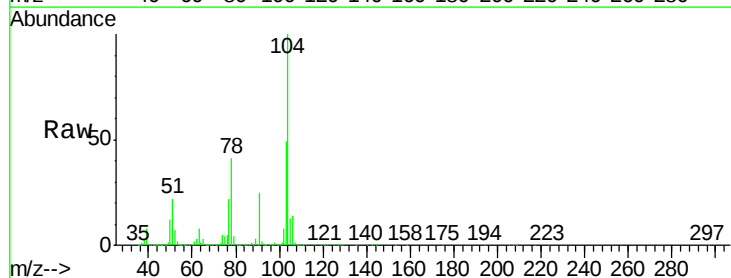
Instrument :
MSVOA_X
ClientSampleId :

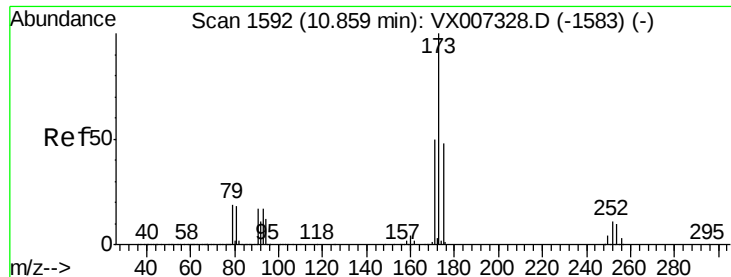
Tot Ion:106 Resp: 160811
Ion Ratio Lower Upper
106 100
91 205.6 102.9 308.7



#70
Styrene
Concen: 18.422 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion:104 Resp: 258810
Ion Ratio Lower Upper
104 100
78 46.5 38.3 57.5
103 54.9 44.6 67.0





#71

Bromoform

Concen: 17.942 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

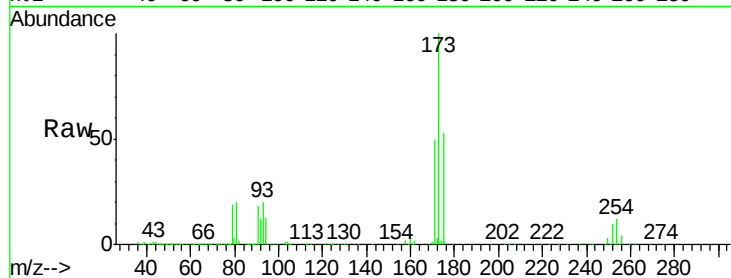
Tot Ion:173 Resp: 62576

Ion Ratio Lower Upper

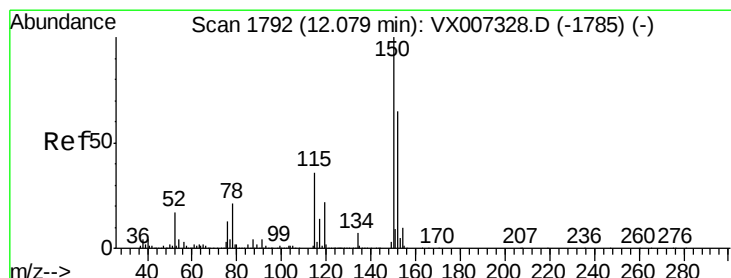
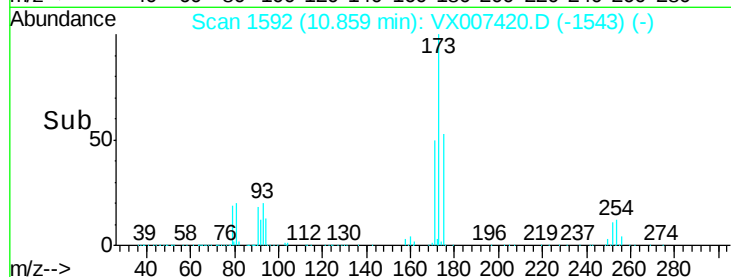
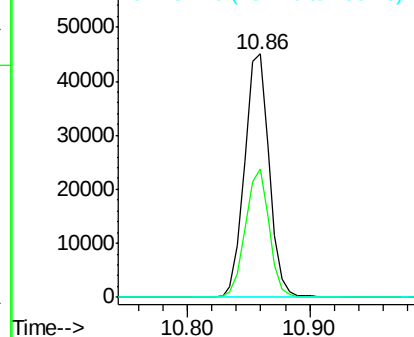
173 100

175 50.5 24.2 72.6

254 0.3 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: VX007420.D

Acq: 07 Feb 2019 12:56

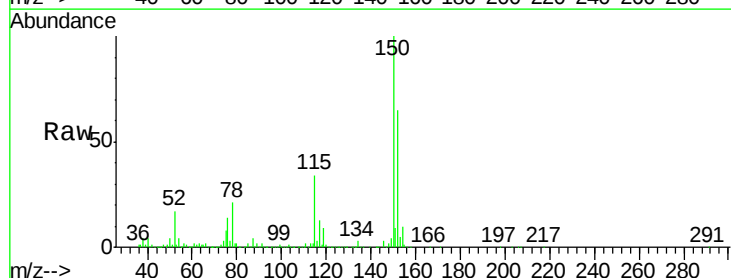
Tgt Ion:152 Resp: 330999

Ion Ratio Lower Upper

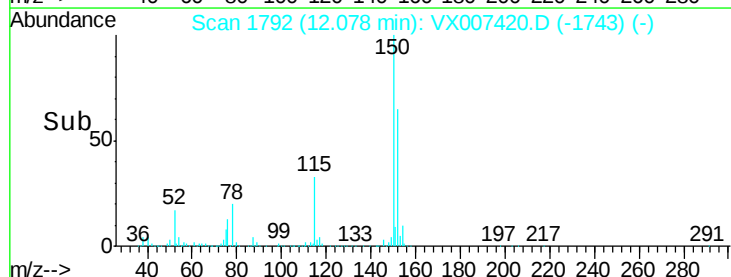
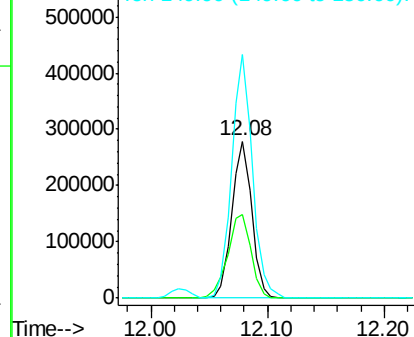
152 100

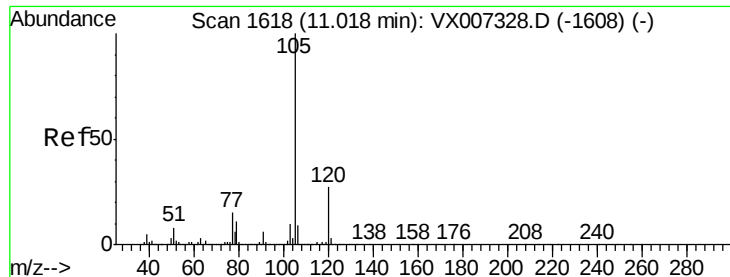
115 62.4 38.0 114.0

150 161.6 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: 19.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

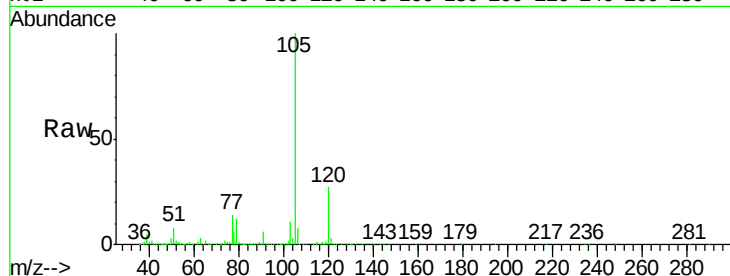
ClientSampleId :

Tot Ion:105 Resp: 428405

Ion Ratio Lower Upper

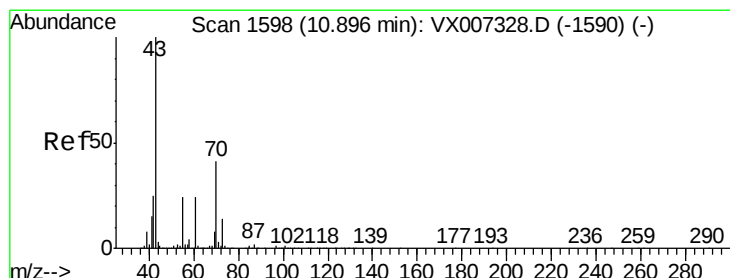
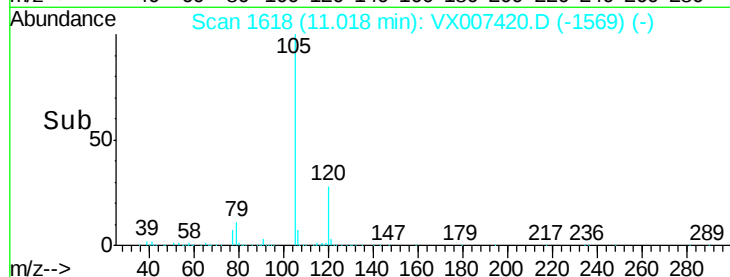
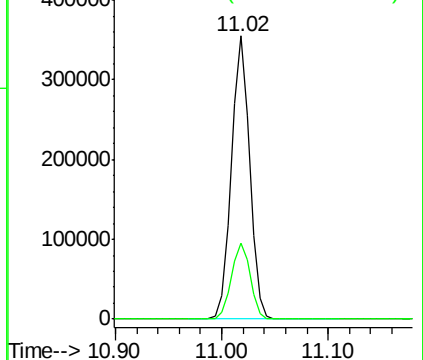
105 100

120 27.8 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: 19.488 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion: 43 Resp: 169546

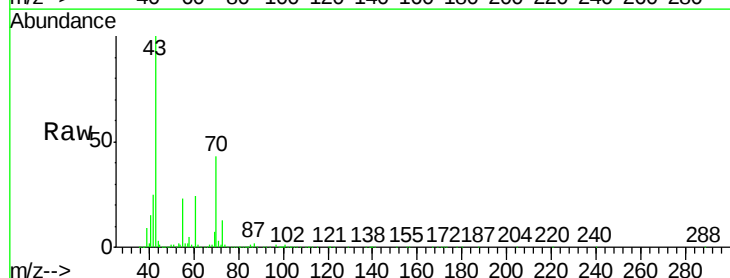
Ion Ratio Lower Upper

43 100

70 43.4 33.8 50.6

55 24.9 19.5 29.3

61 24.5 19.4 29.2

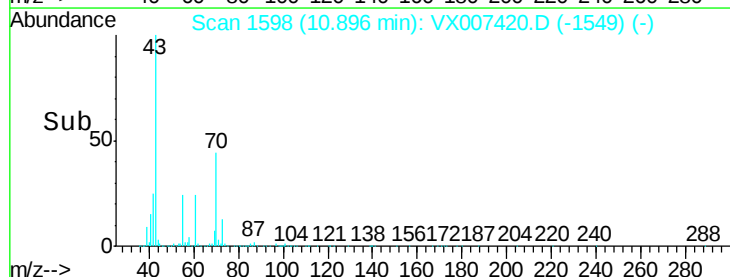
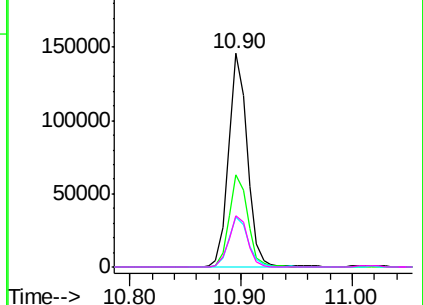


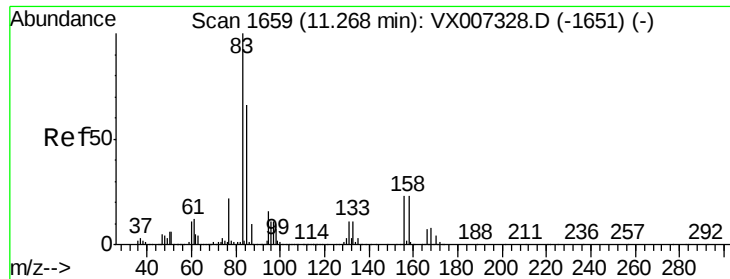
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.217 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

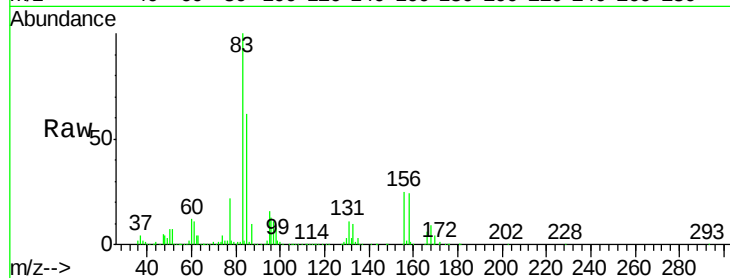
Tot Ion: 83 Resp: 138589

Ion Ratio Lower Upper

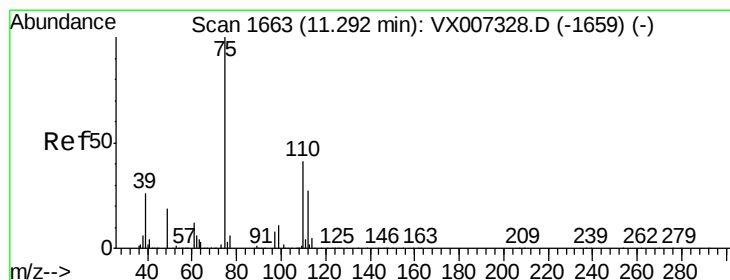
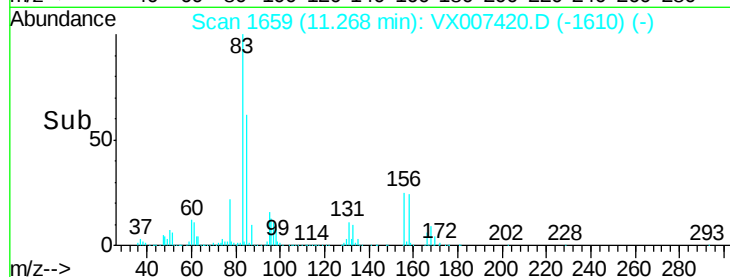
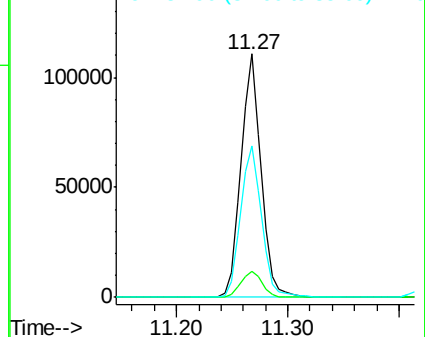
83 100

131 11.4 5.7 17.0

85 64.9 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: 23.578 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007420.D

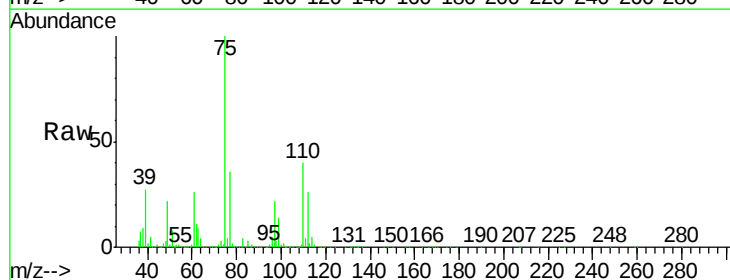
Acq: 07 Feb 2019 12:56

Tgt Ion: 75 Resp: 151800

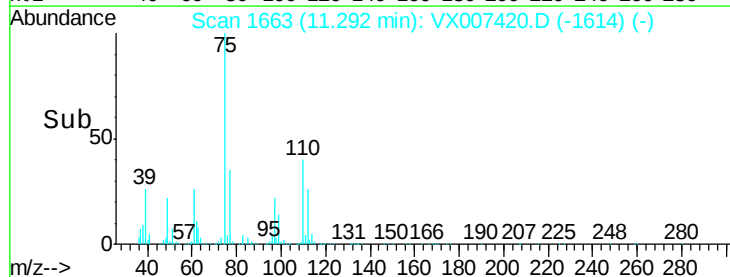
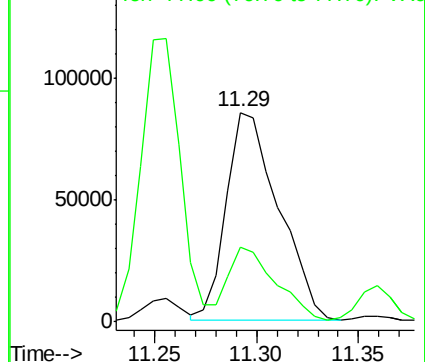
Ion Ratio Lower Upper

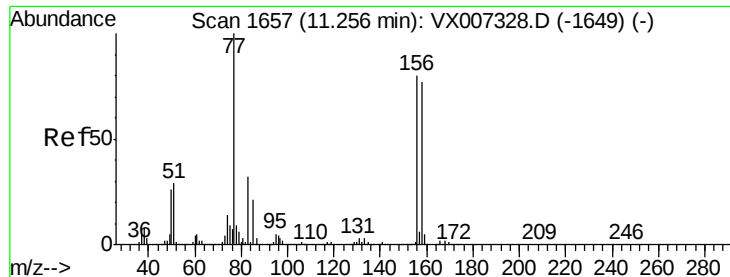
75 100

77 32.3 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: 18.573 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

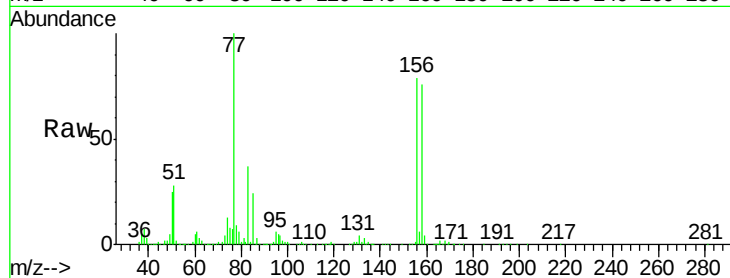
Tot Ion:156 Resp: 117707

Ion Ratio Lower Upper

156 100

77 134.9 66.8 200.6

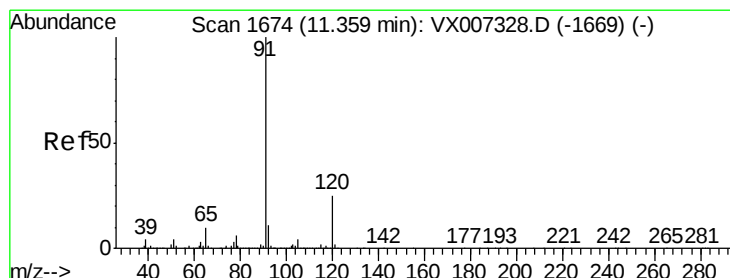
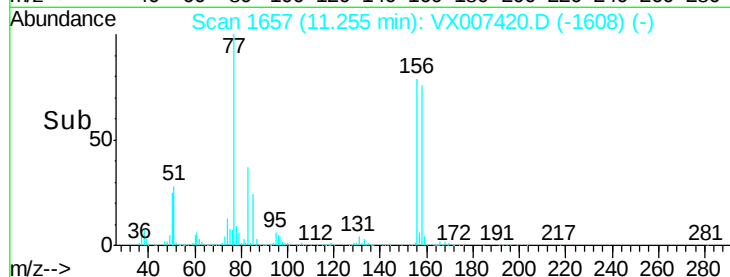
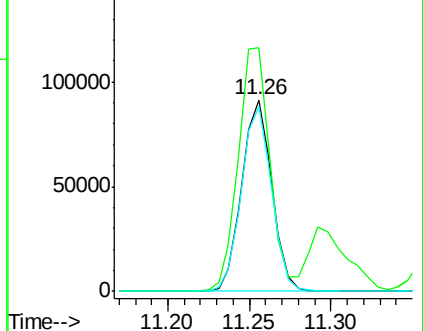
158 97.2 47.9 143.8



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: 18.917 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007420.D

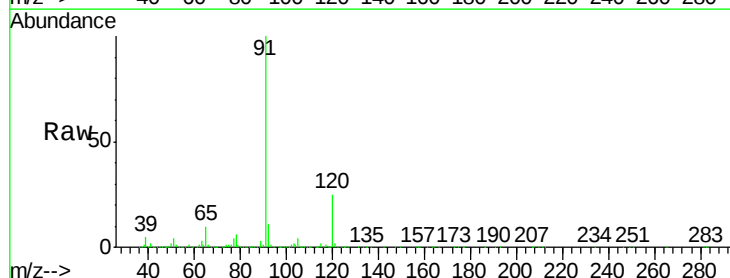
Acq: 07 Feb 2019 12:56

Tgt Ion: 91 Resp: 466601

Ion Ratio Lower Upper

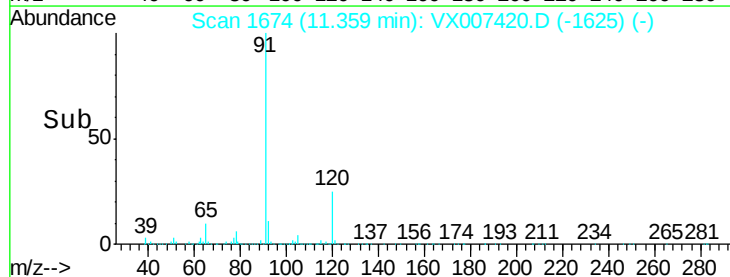
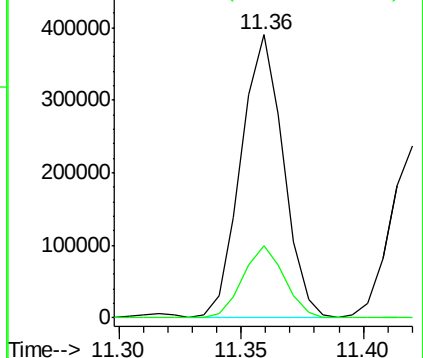
91 100

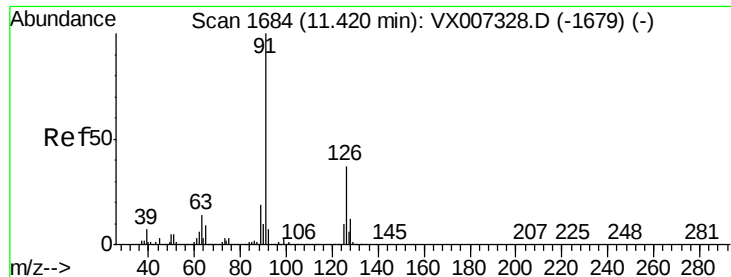
120 25.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

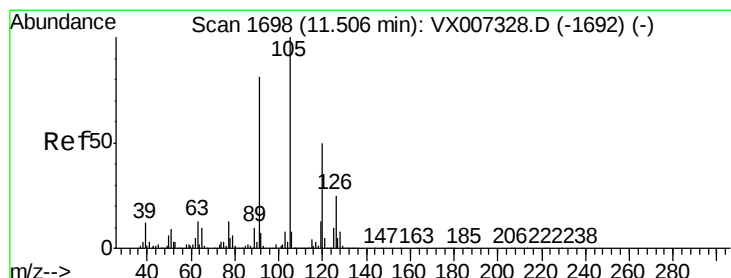
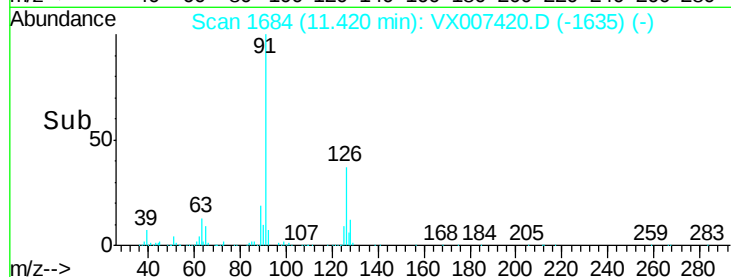
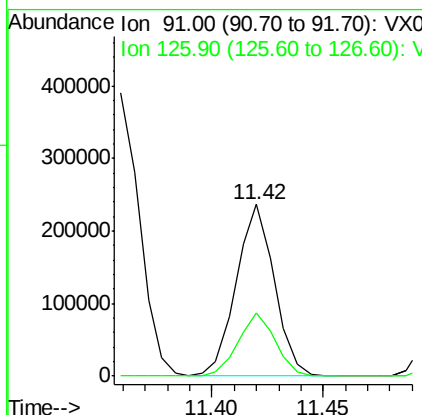
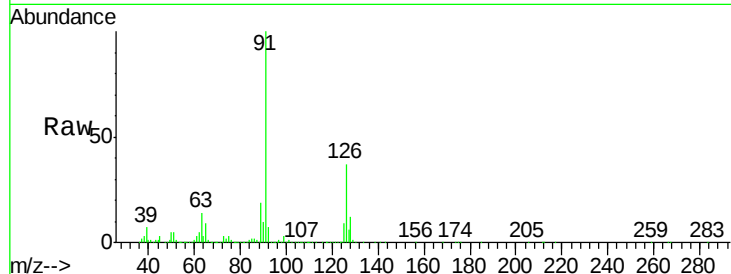




#79
 2-Chlorotoluene
 Concen: 18.766 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

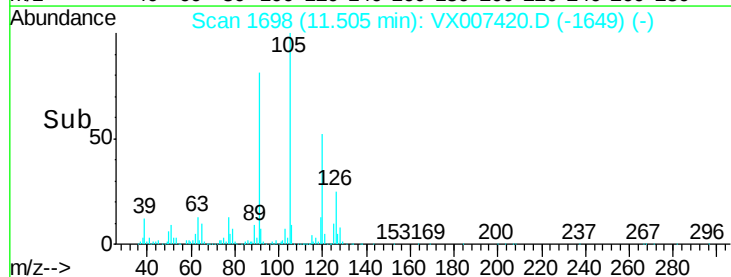
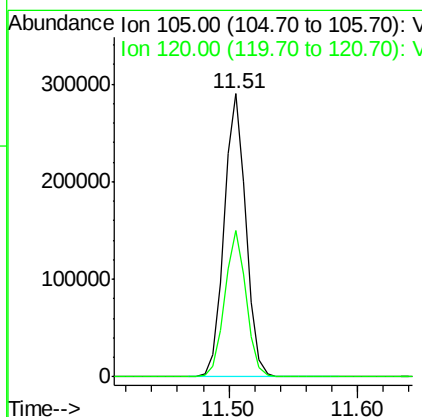
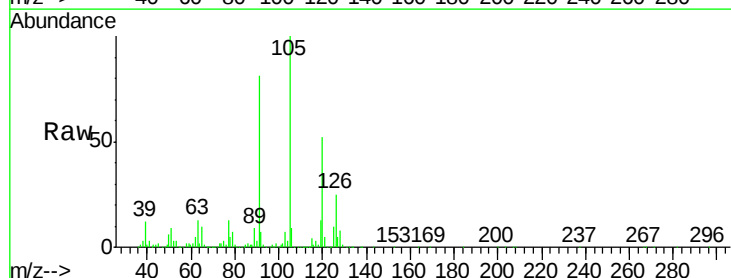
Instrument :
 MSVOA_X
 ClientSampled :

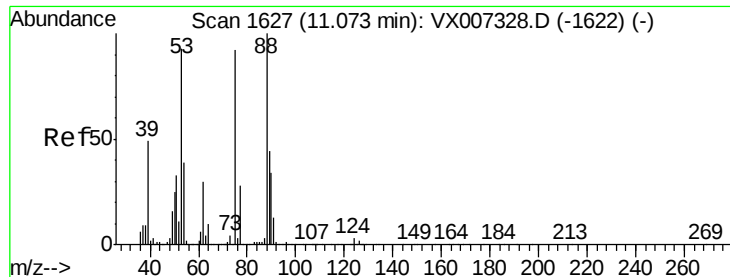
Tot Ion: 91 Resp: 280854
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.682 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion: 105 Resp: 343786
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.638 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

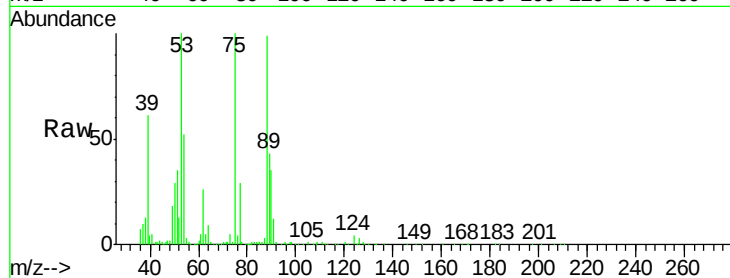
Tot Ion: 75 Resp: 35064

Ion Ratio Lower Upper

75 100

53 103.2 81.0 121.6

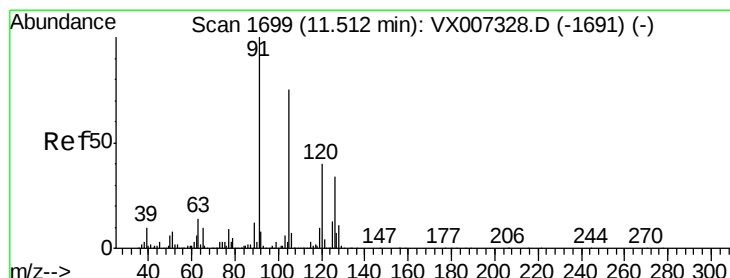
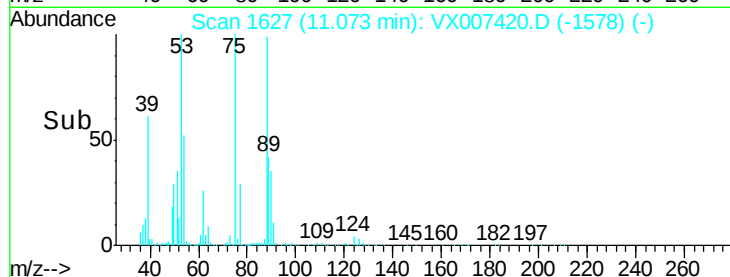
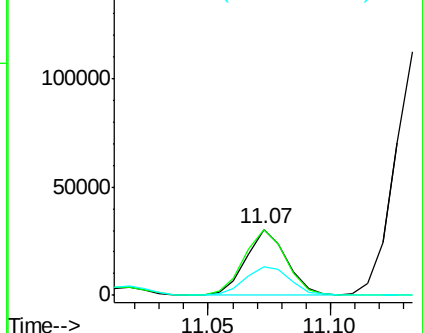
89 47.8 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.395 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007420.D

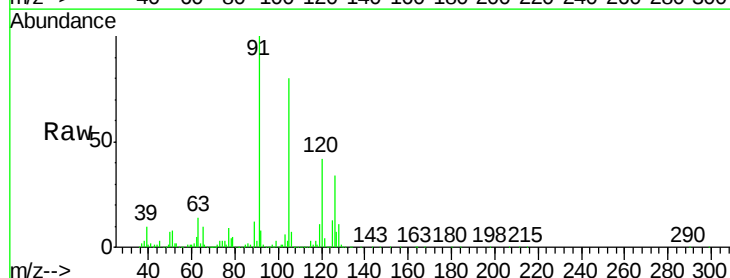
Acq: 07 Feb 2019 12:56

Tgt Ion: 91 Resp: 318564

Ion Ratio Lower Upper

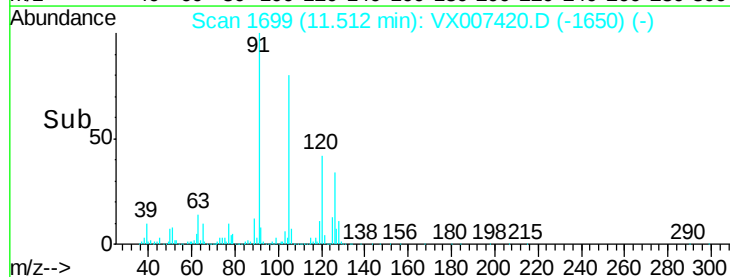
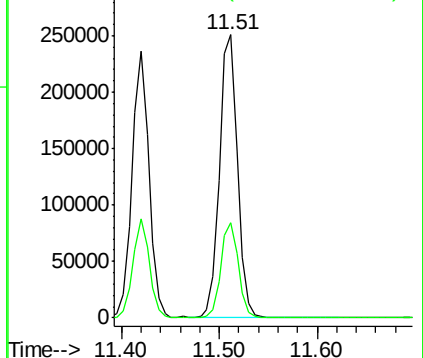
91 100

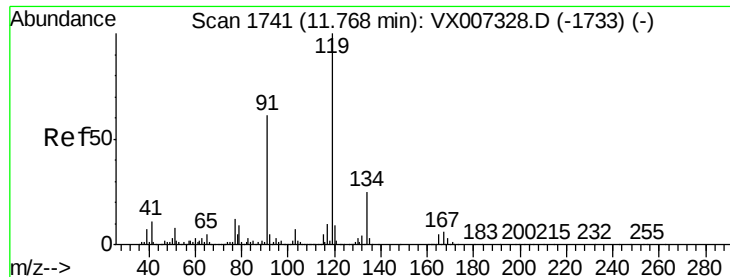
126 32.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.844 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

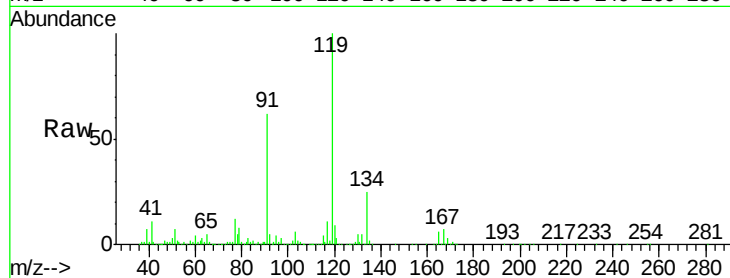
Tot Ion:119 Resp: 343317

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.6

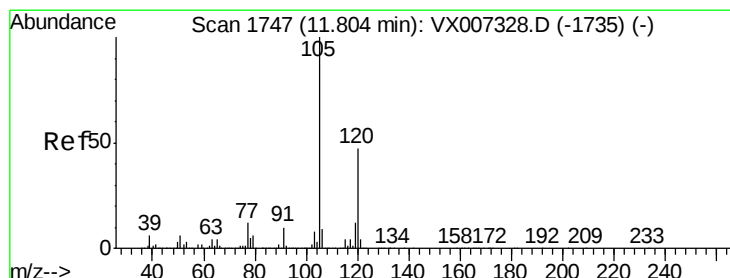
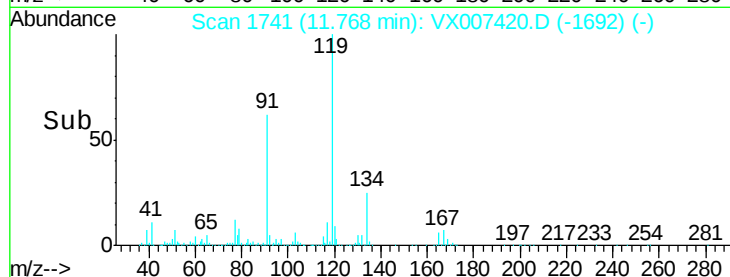
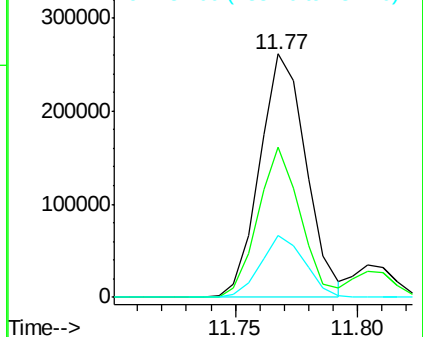
134 24.4 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.252 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007420.D

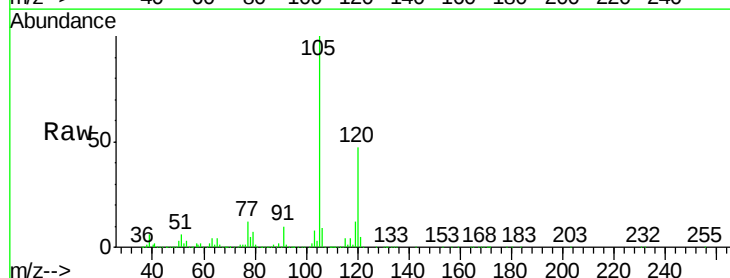
Acq: 07 Feb 2019 12:56

Tgt Ion:105 Resp: 359670

Ion Ratio Lower Upper

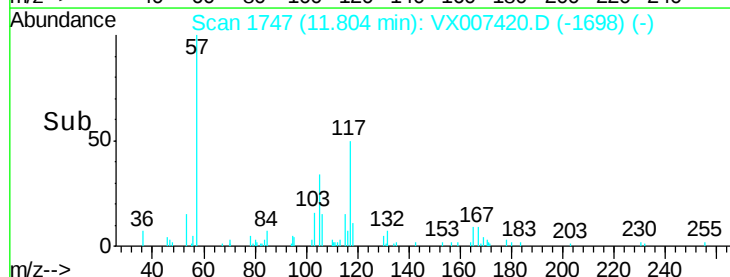
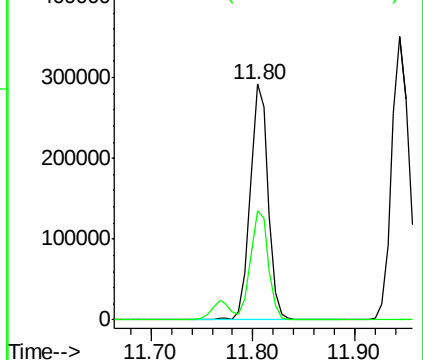
105 100

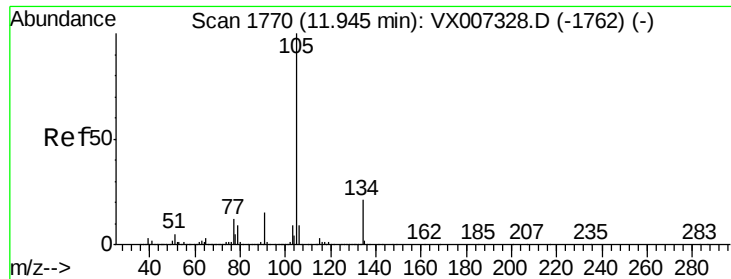
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.048 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

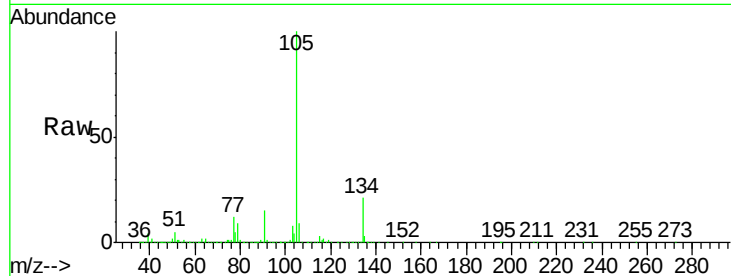
ClientSampleId :

Tot Ion:105 Resp: 420017

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

11.94

400000

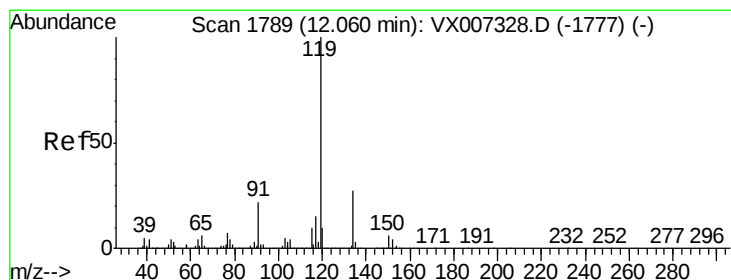
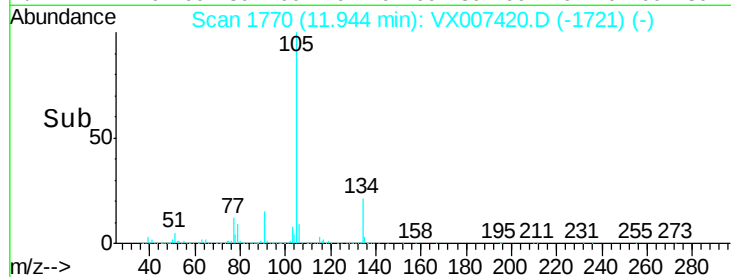
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.500 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

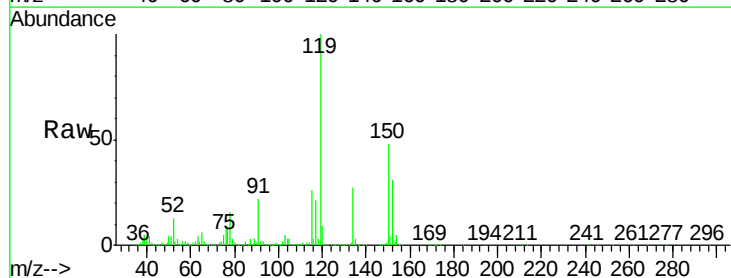
Tgt Ion:119 Resp: 368255

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

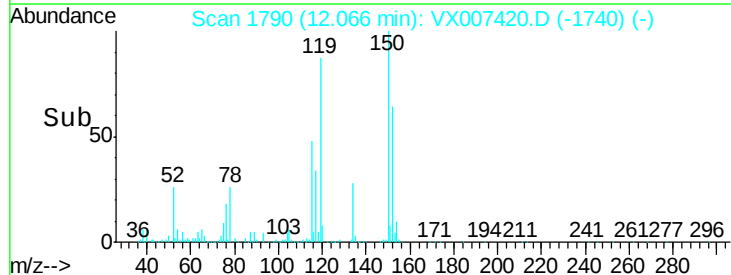
300000

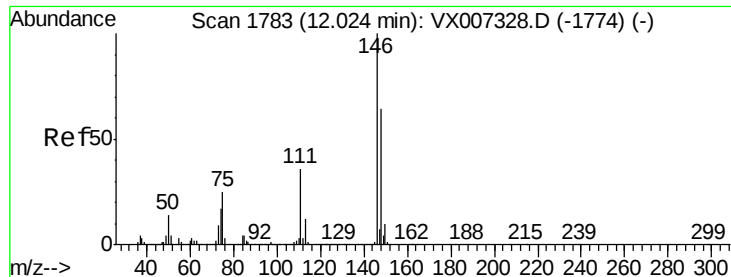
200000

100000

0

Time-->

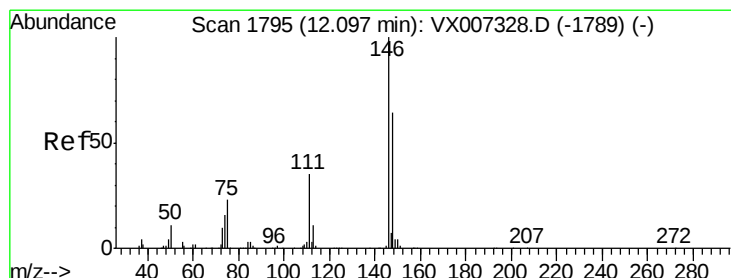
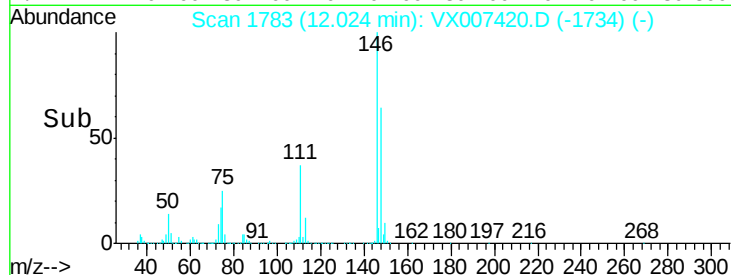
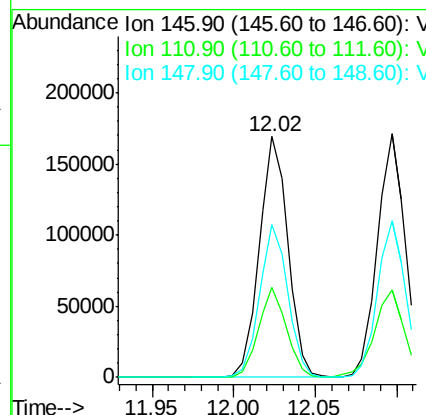
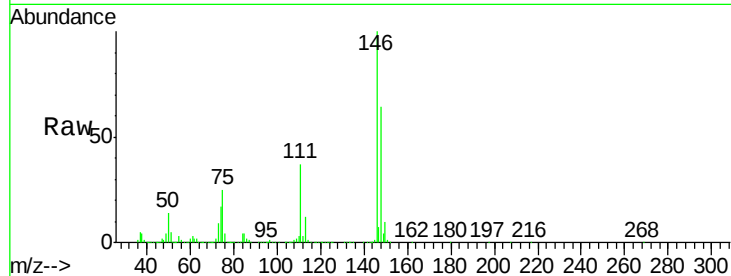




#87
 1,3-Dichlorobenzene
 Concen: 18.186 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

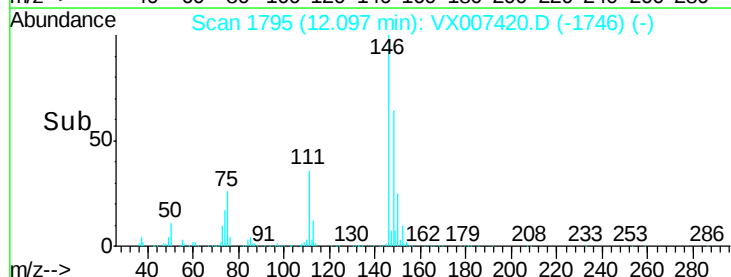
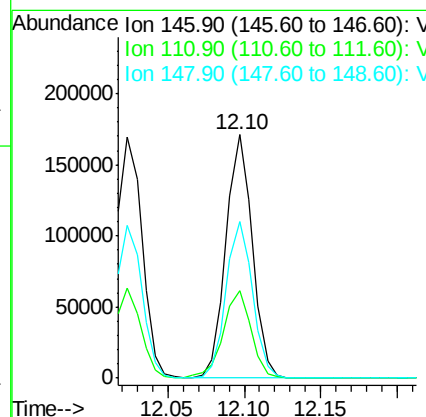
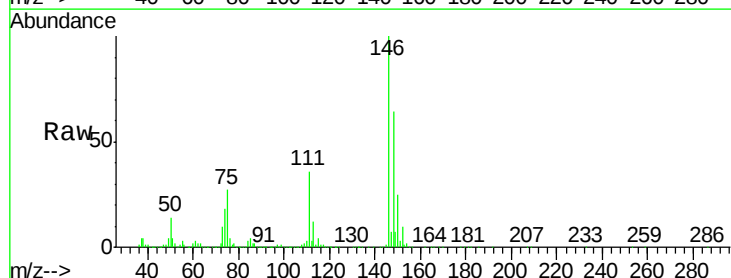
Instrument :
 MSVOA_X
 ClientSampled :

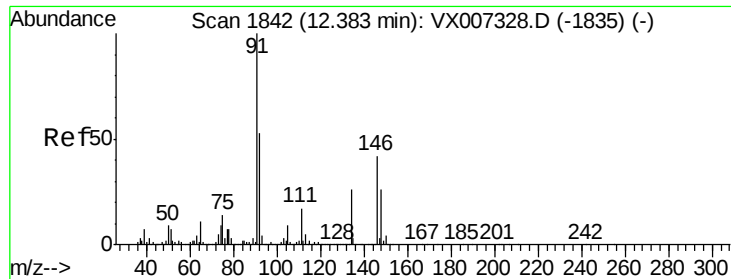
Tot Ion:146 Resp: 206844
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 62.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.716 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion:146 Resp: 204424
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 65.0 32.3 96.9

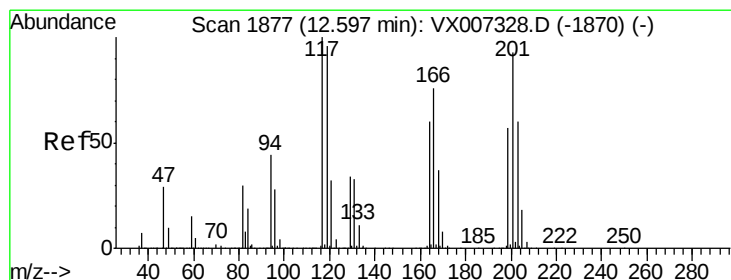
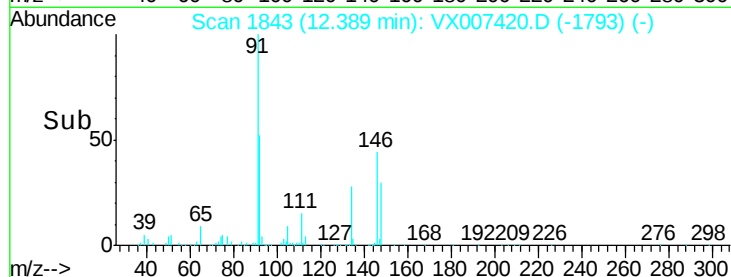
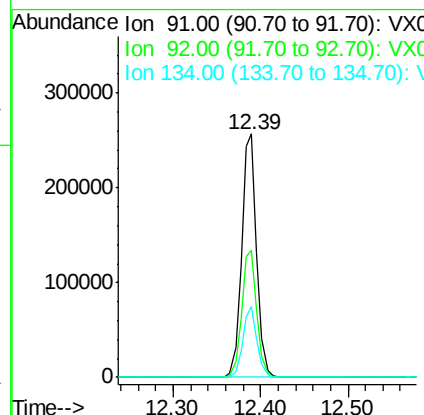
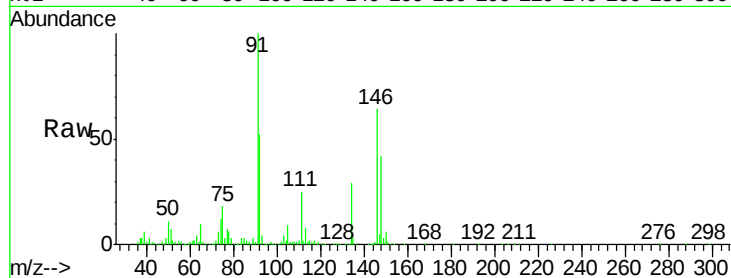




#89
n-Butylbenzene
Concen: 17.917 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

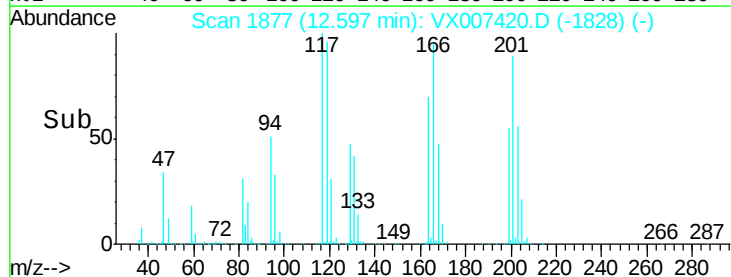
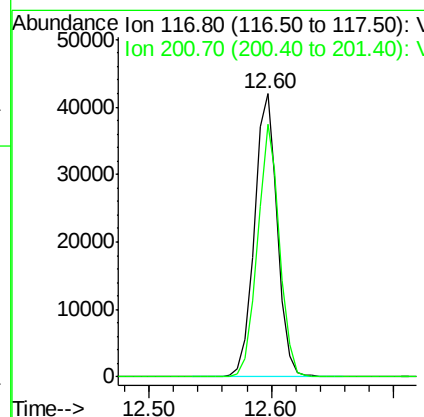
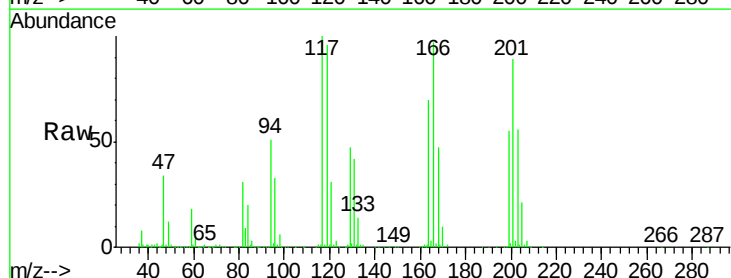
Instrument :
MSVOA_X
ClientSampleId :

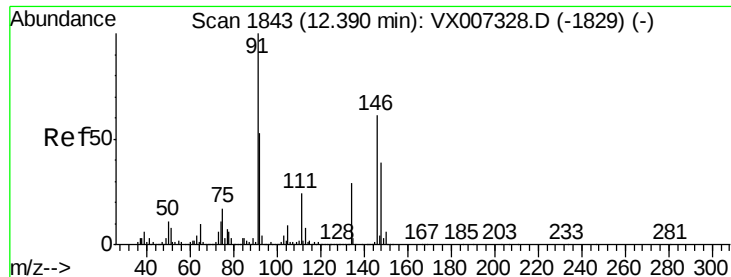
Tot Ion	91	Resp	306805
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.3	78.9
134	27.7	13.9	41.6



#90
Hexachloroethane
Concen: 18.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	117	Resp	54742
Ion Ratio	Lower	Upper	
117	100		
201	85.6	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 18.132 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

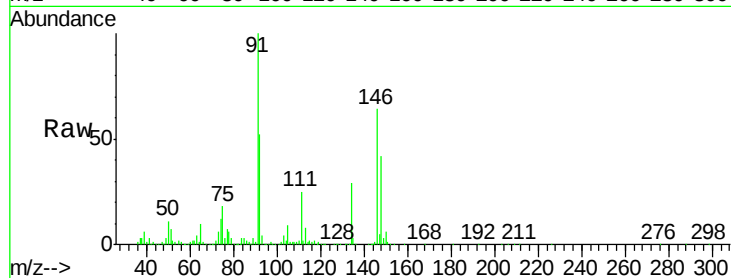
Tot Ion:146 Resp: 205239

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

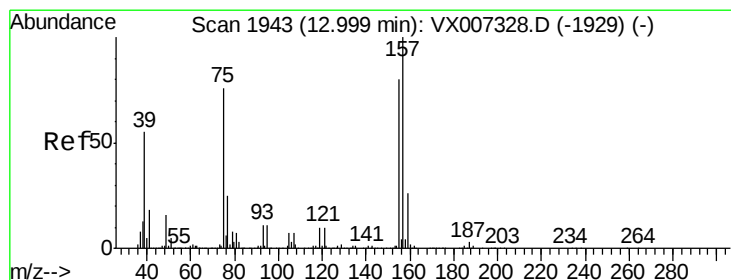
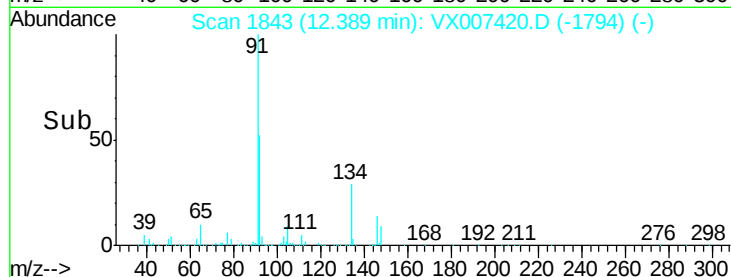
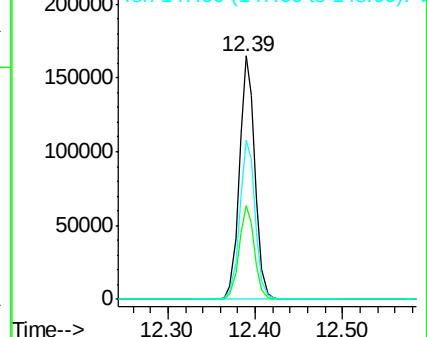
148 65.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.326 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

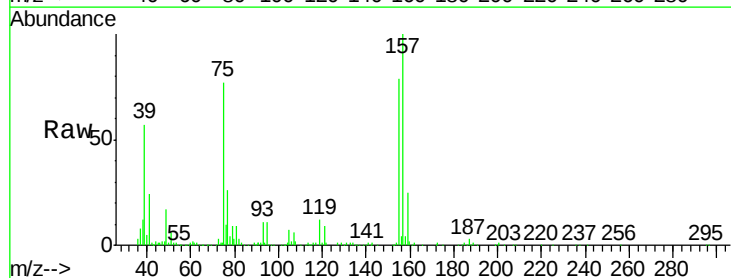
Tgt Ion: 75 Resp: 27547

Ion Ratio Lower Upper

75 100

155 99.5 49.6 149.0

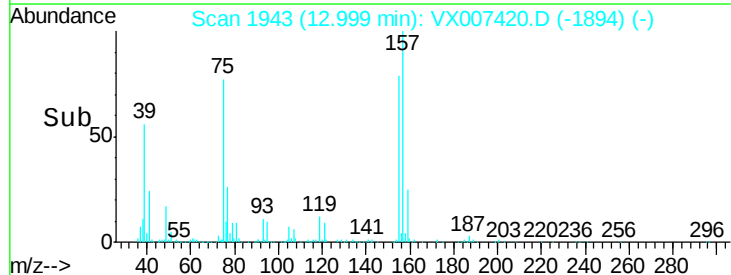
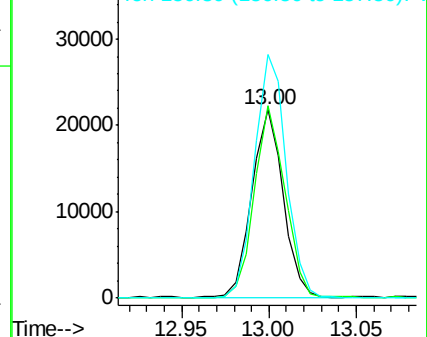
157 129.5 65.1 195.3

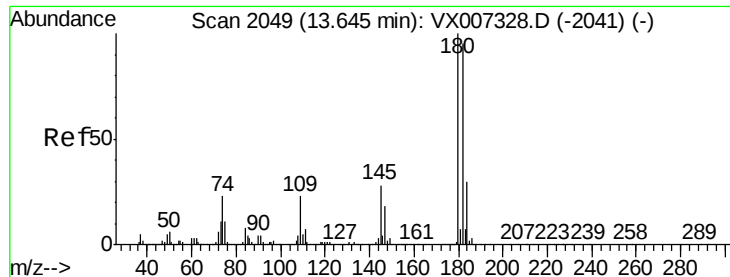


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

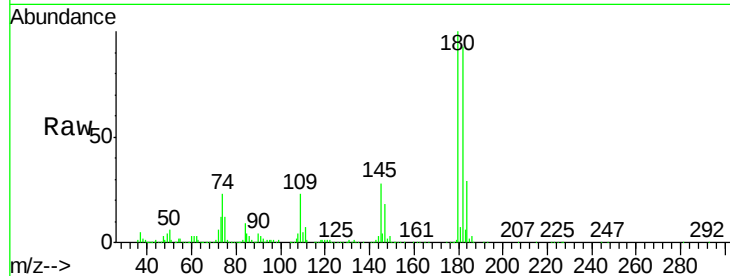




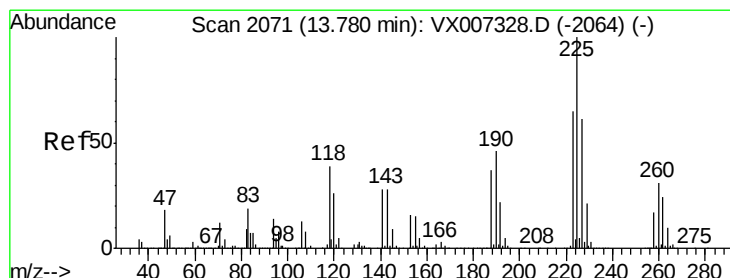
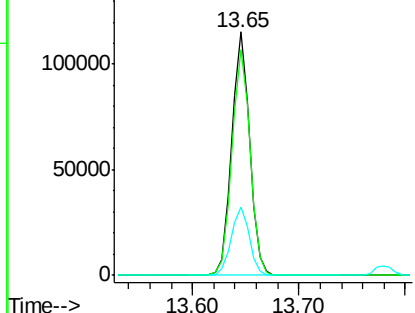
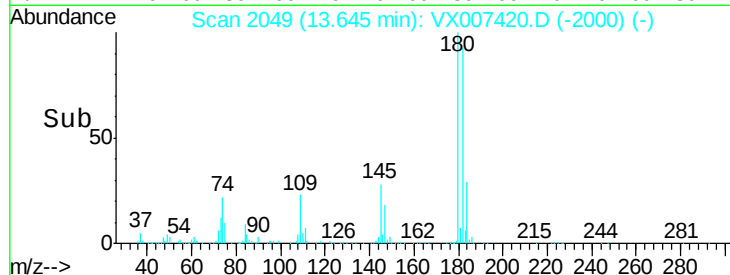
#93
 1,2,4-Trichlorobenzene
 Concen: 17.915 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.3
145	28.4	14.1	42.2

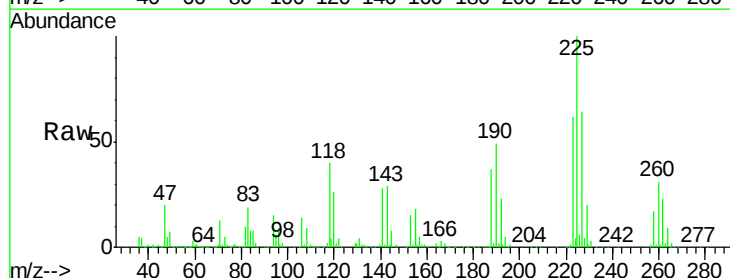


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

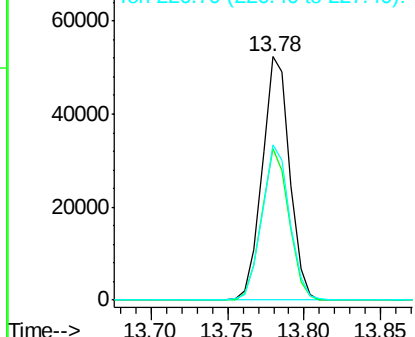
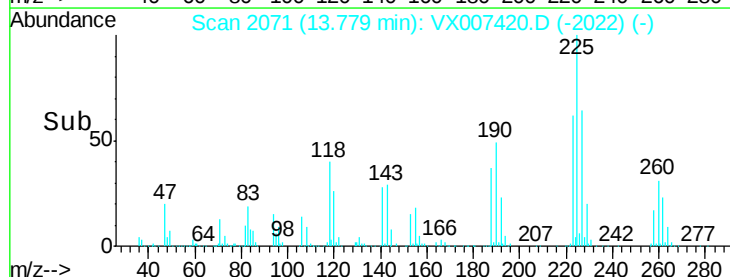


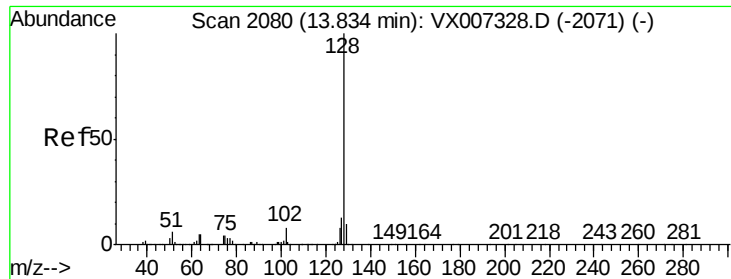
#94
 Hexachlorobutadiene
 Concen: 17.734 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	94.8
227	64.1	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.747 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

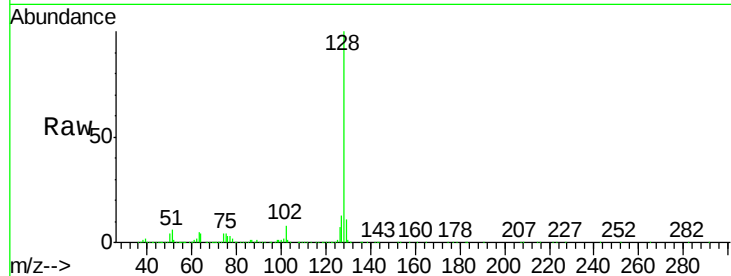
Tot Ion:128 Resp: 418479

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

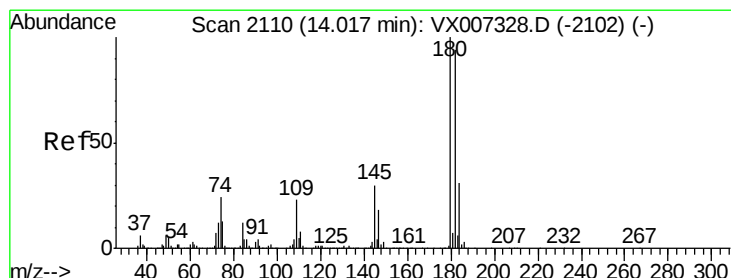
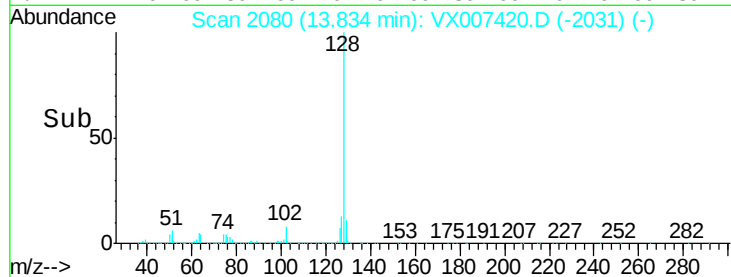
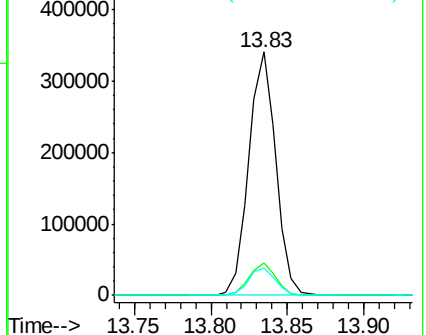
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.244 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

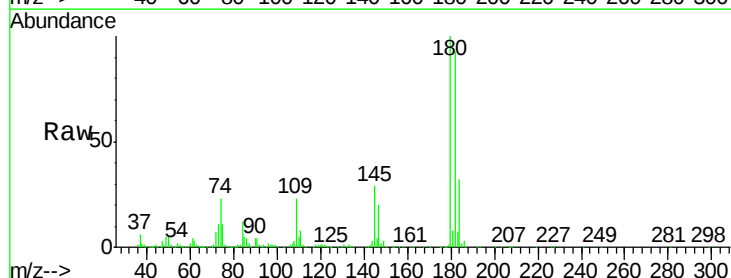
Tgt Ion:180 Resp: 140181

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.6

145 29.2 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

