

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101718\
 Data File : VX005416.D
 Acq On : 18 Oct 2018 03:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 11:11:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196026	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135500	46.13	ug/l	-0.01
Spiked Amount						
			Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	112304	45.10	ug/l	0.00
Spiked Amount						
			Recovery	=	90.20%	
50) Toluene-d8	8.71	98	421460	49.30	ug/l	0.00
Spiked Amount						
			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	159239	49.59	ug/l	0.00
Spiked Amount						
			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96309	46.543	ug/l	97
3) Chloromethane	1.32	50	134452	44.842	ug/l	99
4) Vinyl Chloride	1.40	62	141984	46.746	ug/l	97
5) Bromomethane	1.64	94	85808	50.021	ug/l	98
6) Chloroethane	1.71	64	91585	51.163	ug/l #	87
7) Trichlorofluoromethane	1.92	101	196450	48.467	ug/l	95
8) Diethyl Ether	2.19	74	83935	48.493	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114924	49.124	ug/l	94
10) Methyl Iodide	2.51	142	142238	55.178	ug/l	99
11) Tert butyl alcohol	3.08	59	208725	251.915	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110783	47.794	ug/l	95
13) Acrolein	2.29	56	153339	290.370	ug/l	97
14) Allyl chloride	2.73	41	243384	47.825	ug/l	93
15) Acrylonitrile	3.15	53	447283	238.225	ug/l	97
16) Acetone	2.45	43	396844	233.673	ug/l	98
17) Carbon Disulfide	2.56	76	309355	44.057	ug/l #	92
18) Methyl Acetate	2.78	43	255994	52.983	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	432576	52.988	ug/l	94
20) Methylene Chloride	2.85	84	130969	53.005	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	120986	47.099	ug/l	96
22) Diisopropyl ether	3.87	45	418270	48.933	ug/l	93
23) Vinyl Acetate	3.83	43	1806632	241.819	ug/l	97
24) 1,1-Dichloroethane	3.70	63	241746	49.348	ug/l	99
25) 2-Butanone	4.70	43	629307	253.264	ug/l	91
26) 2,2-Dichloropropane	4.58	77	133858	36.536	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	134843	48.301	ug/l	99
28) Bromochloromethane	5.02	49	106817	47.831	ug/l	97
29) Tetrahydrofuran	5.15	42	392808	247.832	ug/l	94
30) Chloroform	5.21	83	223476	49.148	ug/l	95
31) Cyclohexane	5.57	56	191551	47.441	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	196361	49.631	ug/l	98
36) 1,1-Dichloropropene	5.80	75	168631	46.315	ug/l	99
37) Ethyl Acetate	4.85	43	212004	45.277	ug/l	99
38) Carbon Tetrachloride	5.78	117	172910	47.264	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185385	47.045	ug/l	97
40) Benzene	6.14	78	494868	45.308	ug/l	99
41) Methacrylonitrile	5.07	41	122784	48.913	ug/l	95
42) 1,2-Dichloroethane	6.20	62	174843	45.336	ug/l	98
43) Isopropyl Acetate	6.47	43	324728	52.062	ug/l	96
44) Trichloroethene	7.21	130	134728	48.289	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131649	49.138	ug/l	98
46) Dibromomethane	7.66	93	84200	47.617	ug/l	97
47) Bromodichloromethane	7.90	83	165493	50.597	ug/l	100
48) Methyl methacrylate	7.77	41	163734	50.613	ug/l	95
49) 1,4-Dioxane	7.75	88	75612	1013.361	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1116740	258.573	ug/l	96
52) Toluene	8.79	92	308443	51.619	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180492	50.990	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	194750	50.777	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129073	50.998	ug/l	97
56) Ethyl methacrylate	9.18	69	205038	55.572	ug/l	96
57) 1,3-Dichloropropane	9.37	76	217908	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	551402	266.482	ug/l	95
59) 2-Hexanone	9.50	43	893065	257.063	ug/l	94
60) Dibromochloromethane	9.59	129	138974	53.122	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134592	50.672	ug/l	100
64) Tetrachloroethene	9.34	164	138802	50.155	ug/l	99
65) Chlorobenzene	10.14	112	356029	48.689	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	131091	50.307	ug/l	98
67) Ethyl Benzene	10.25	91	601014	50.559	ug/l	99
68) m/p-Xylenes	10.36	106	465301	100.848	ug/l	95
69) o-Xylene	10.70	106	226633	50.931	ug/l	98
70) Styrene	10.71	104	384523	52.537	ug/l	98
71) Bromoform	10.86	173	119325	51.243	ug/l #	99
73) Isopropylbenzene	11.02	105	615677	52.833	ug/l	100
74) N-amyl acetate	10.90	43	295653	52.602	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	214285	48.746	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246605	64.856	ug/l	87
77) Bromobenzene	11.26	156	168247	50.495	ug/l	100
78) n-propylbenzene	11.36	91	703251	52.443	ug/l	99
79) 2-Chlorotoluene	11.42	91	421522	51.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	530841	53.195	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	57570	46.005	ug/l	98
82) 4-Chlorotoluene	11.51	91	499492	51.307	ug/l	100
83) tert-Butylbenzene	11.77	119	529976	52.445	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	546940	53.259	ug/l	98
85) sec-Butylbenzene	11.94	105	637538	53.311	ug/l	99
86) p-Isopropyltoluene	12.07	119	571209	52.846	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314571	50.524	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319285	50.128	ug/l	100
89) n-Butylbenzene	12.39	91	505698	51.527	ug/l	98
90) Hexachloroethane	12.60	117	93940	50.429	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	318151	50.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52058	48.548	ug/l	99

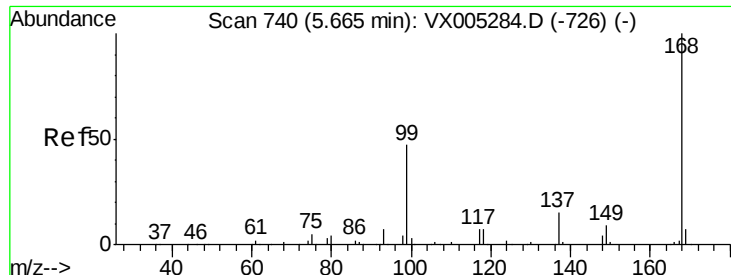
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246089	52.792	ug/l	99
94) Hexachlorobutadiene	13.78	225	121900	49.513	ug/l	97
95) Naphthalene	13.83	128	746708	55.235	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252226	52.882	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

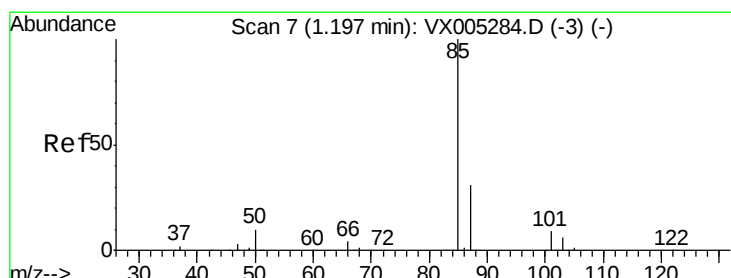
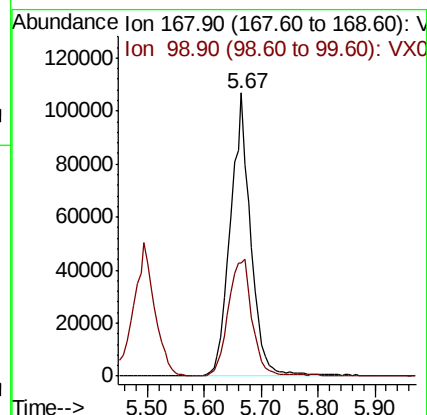
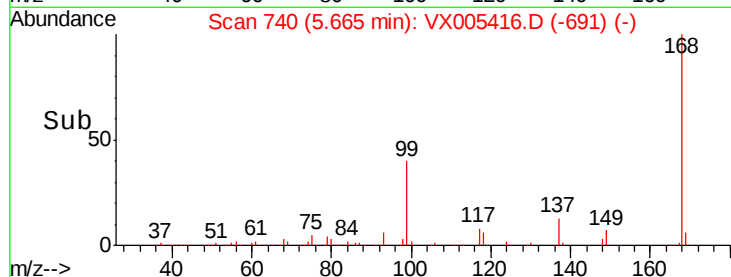
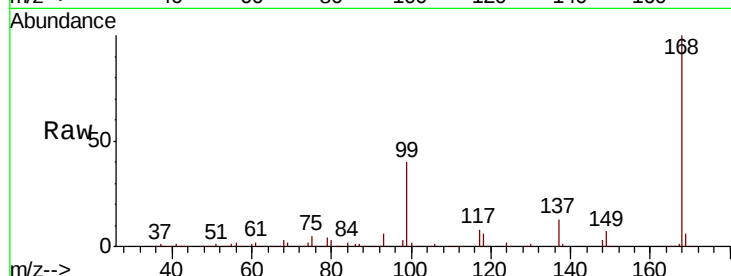
VSTDCCC050EC

Tot Ion:168 Resp: 264654

Ion Ratio Lower Upper

168 100

99 39.9 39.9 59.9#



#2

Dichlorodifluoromethane

Concen: 46.543 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005416.D

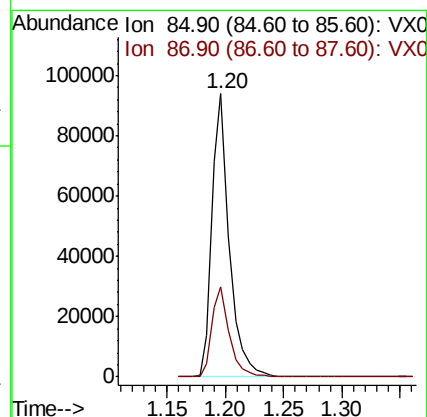
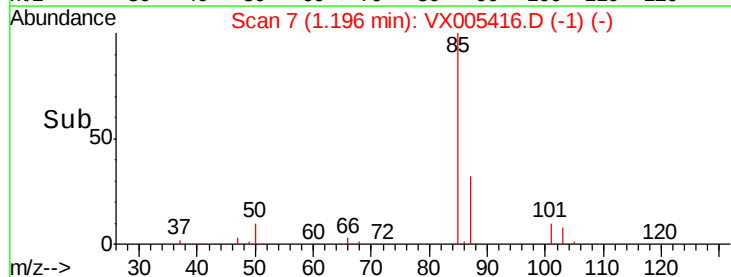
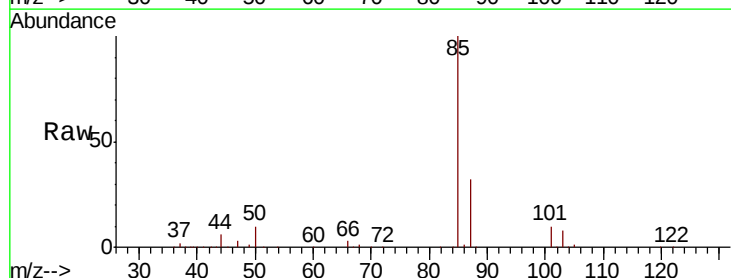
Acq: 18 Oct 2018 03:20

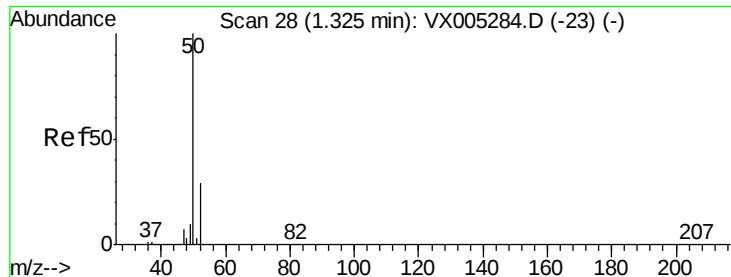
Tgt Ion: 85 Resp: 96309

Ion Ratio Lower Upper

85 100

87 31.9 17.0 50.9





#3

Chloromethane

Concen: 44.842 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

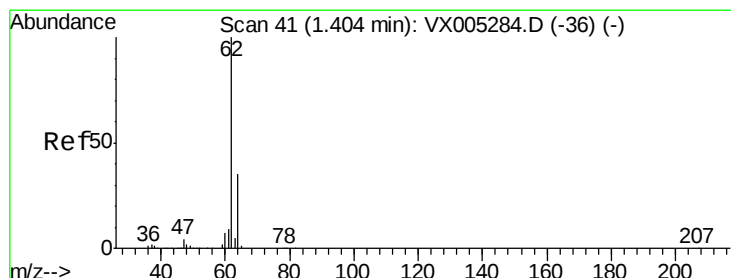
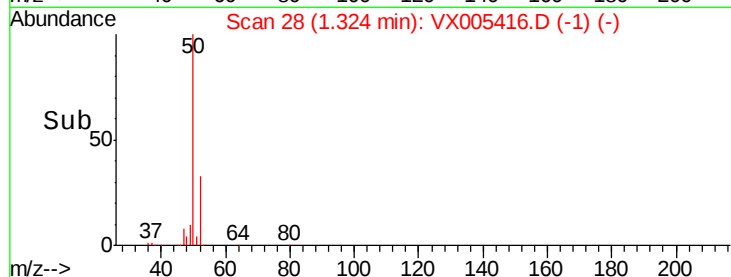
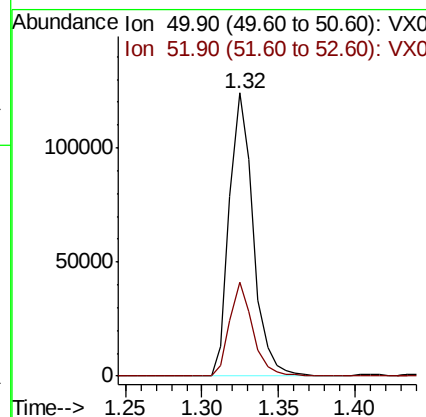
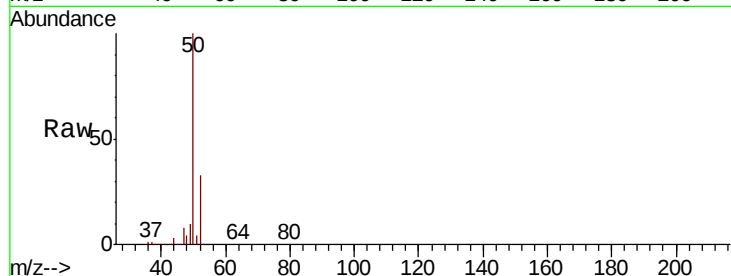
VSTDCCC050EC

Tot Ion: 50 Resp: 134452

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 46.746 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005416.D

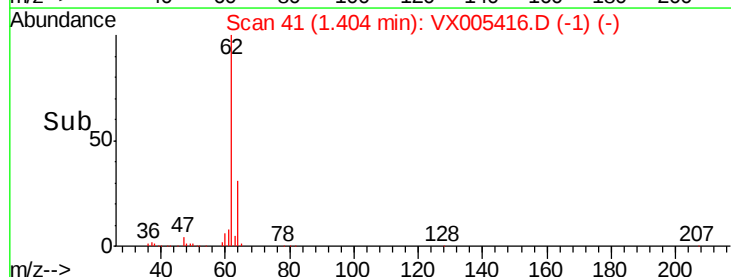
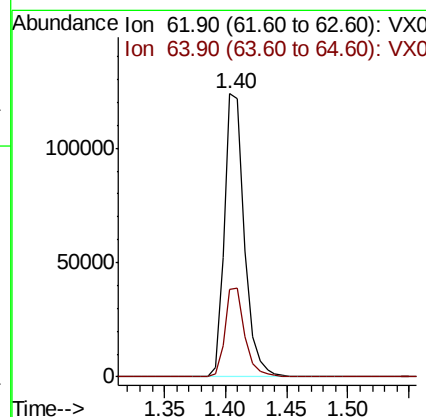
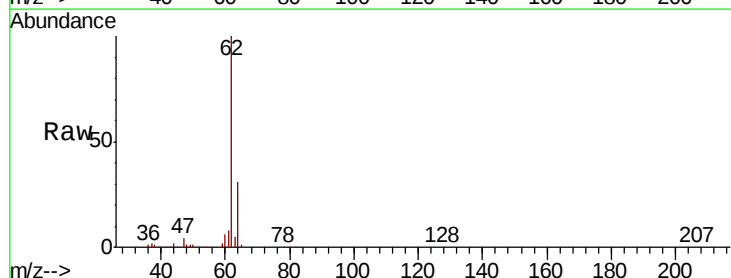
Acq: 18 Oct 2018 03:20

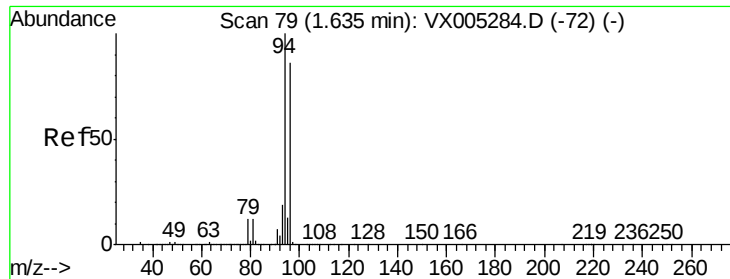
Tgt Ion: 62 Resp: 141984

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 50.021 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

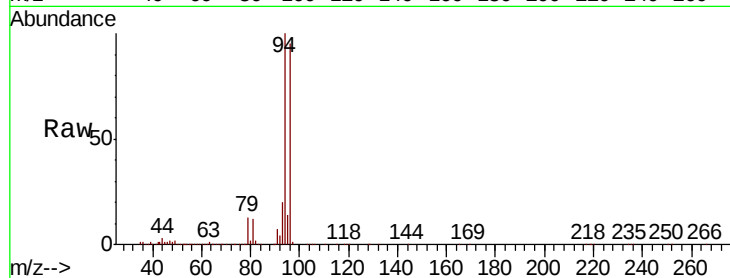
VSTDCCC050EC

Tot Ion: 94 Resp: 85808

Ion Ratio Lower Upper

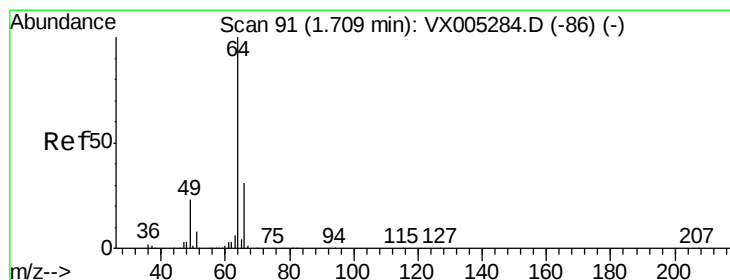
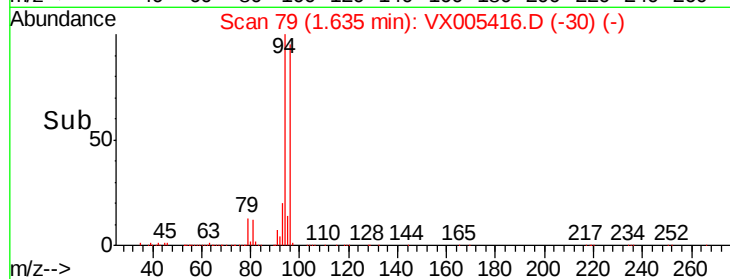
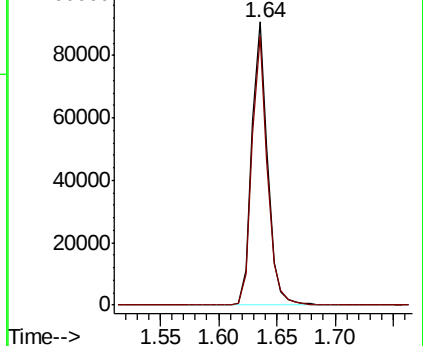
94 100

96 95.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.163 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005416.D

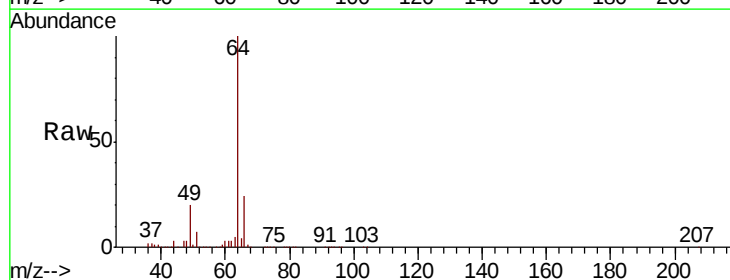
Acq: 18 Oct 2018 03:20

Tgt Ion: 64 Resp: 91585

Ion Ratio Lower Upper

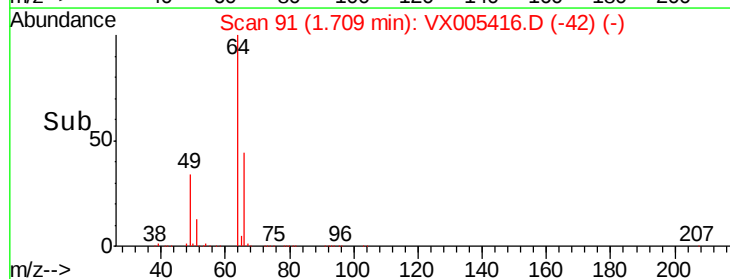
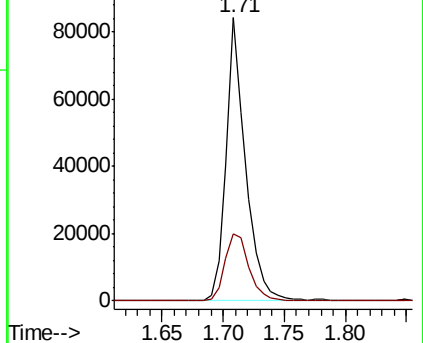
64 100

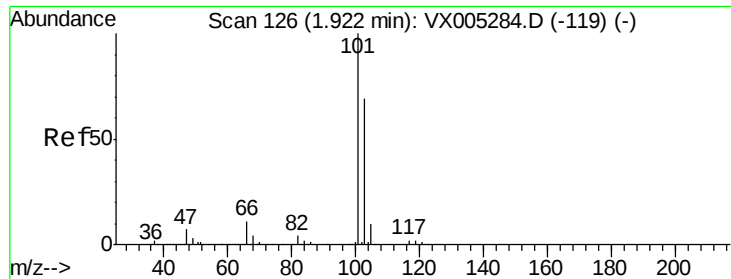
66 23.6 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



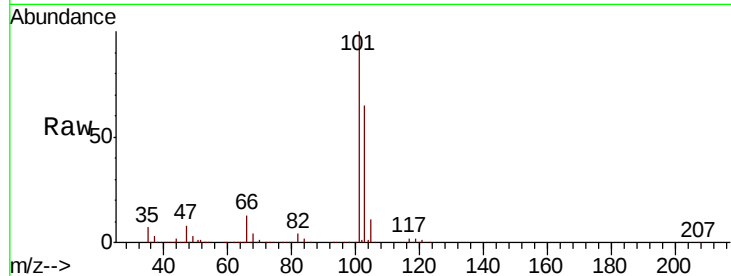


#7

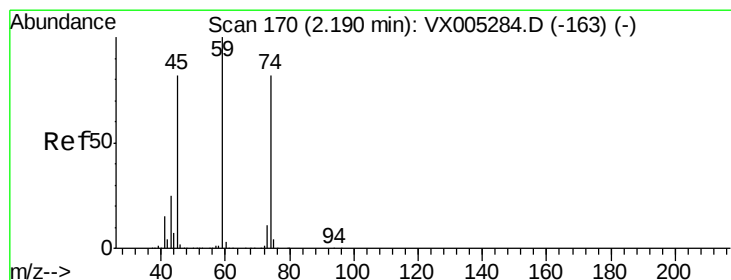
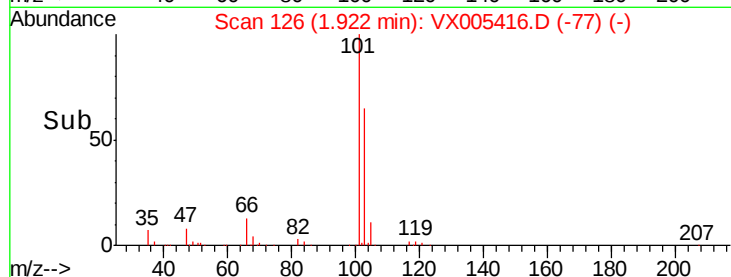
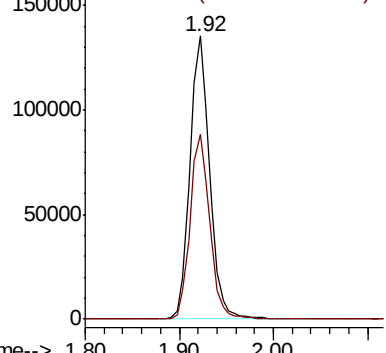
Trichlorofluoromethane
 Concen: 48.467 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
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Tot Ion:101 Resp: 196450
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.9 73.3



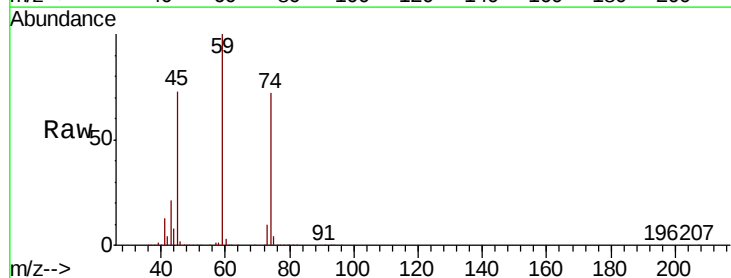
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



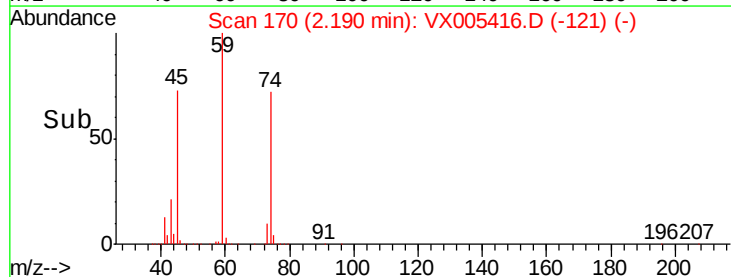
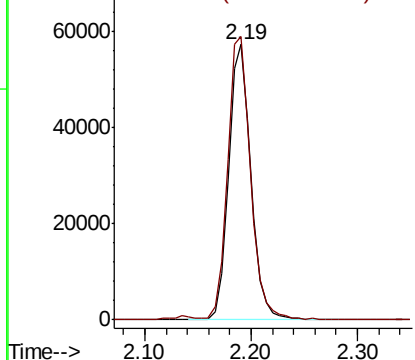
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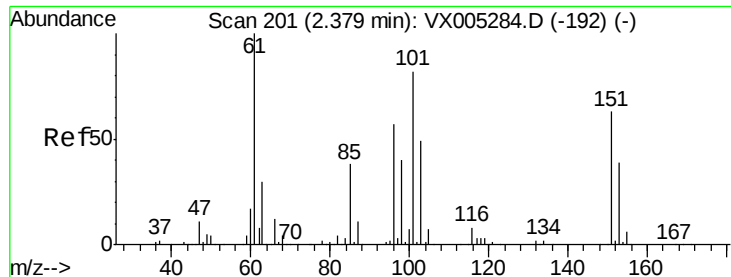
Diethyl Ether
 Concen: 48.493 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 74 Resp: 83935
 Ion Ratio Lower Upper
 74 100
 45 105.5 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.124 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

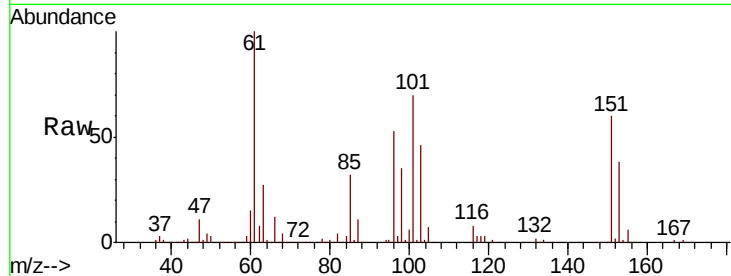
Tot Ion:101 Resp: 114924

Ion Ratio Lower Upper

101 100

85 44.8 34.2 51.4

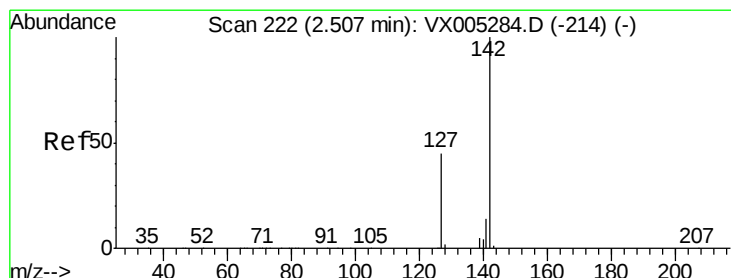
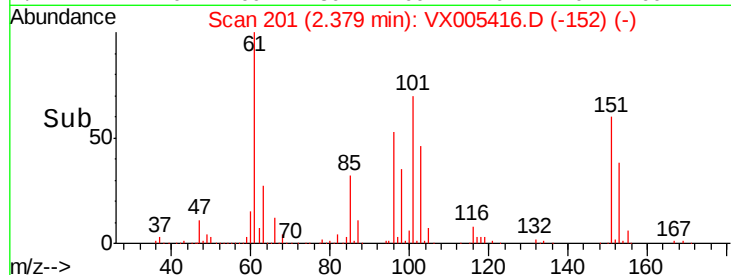
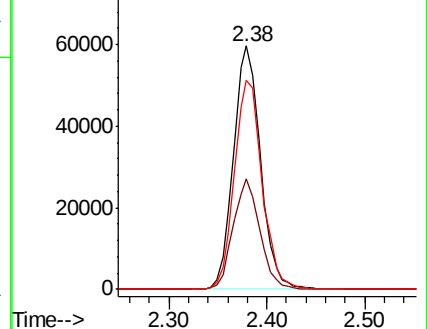
151 87.6 65.0 97.6



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: 55.178 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

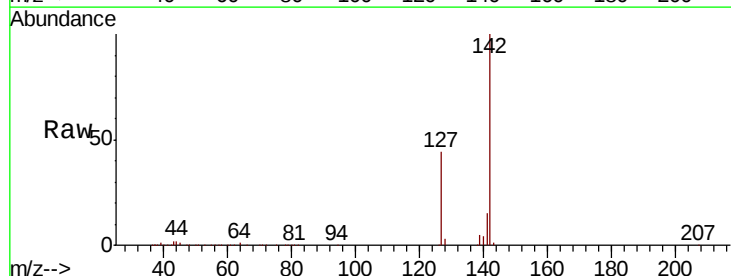
Tgt Ion:142 Resp: 142238

Ion Ratio Lower Upper

142 100

127 42.8 33.8 50.6

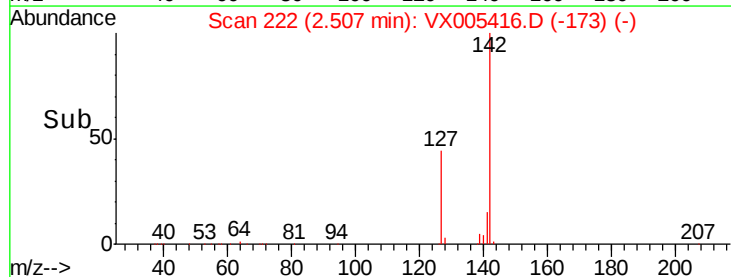
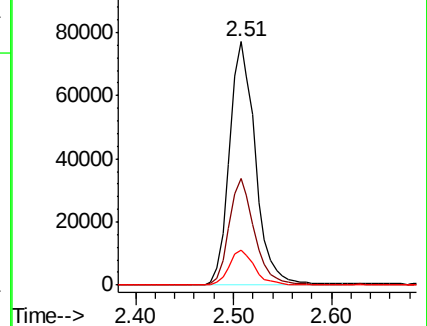
141 14.2 11.4 17.0

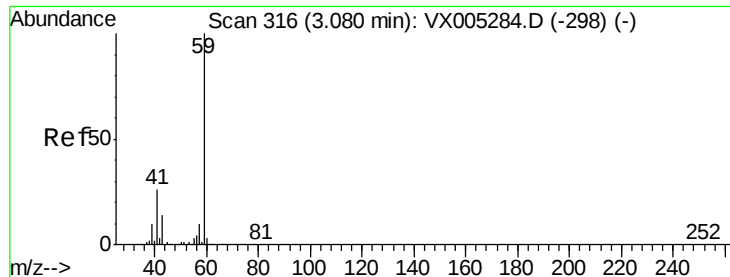


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



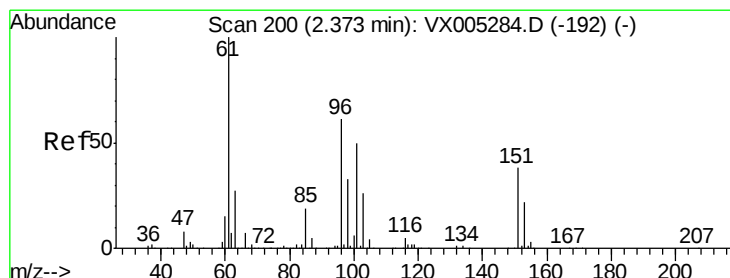
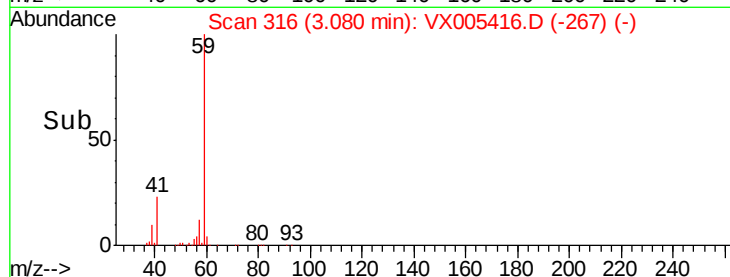
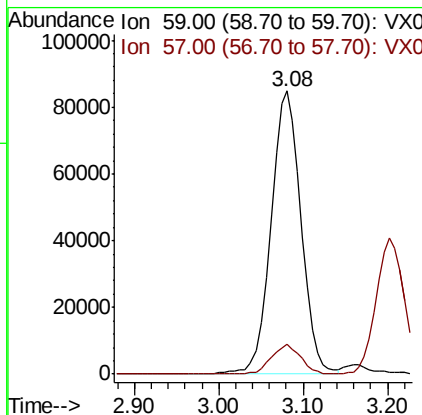
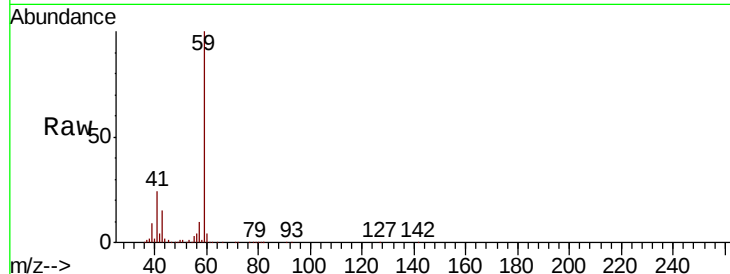


#11

Tert butyl alcohol
 Concen: 251.915 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

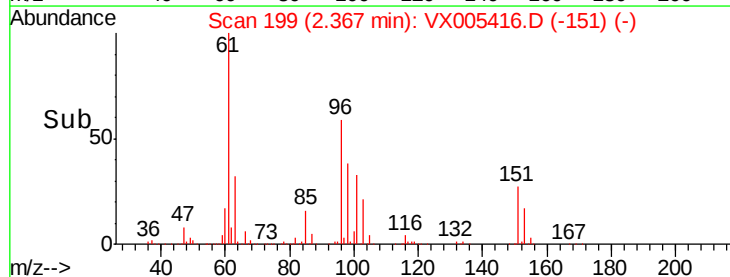
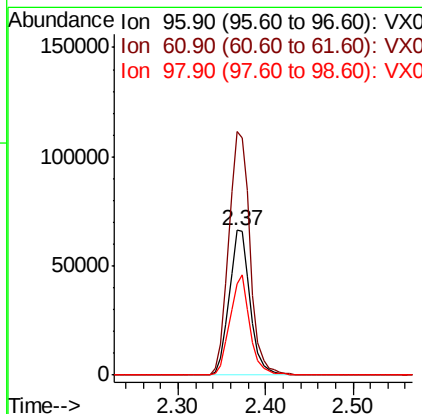
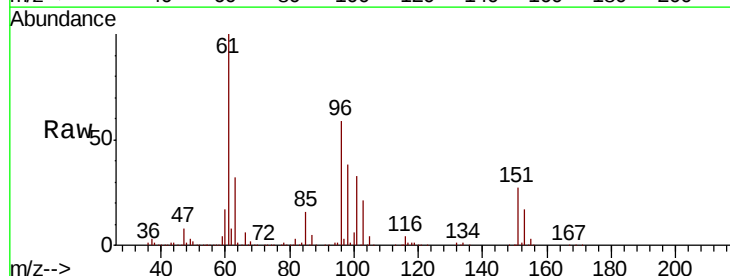
Tot Ion: 59 Resp: 208725
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

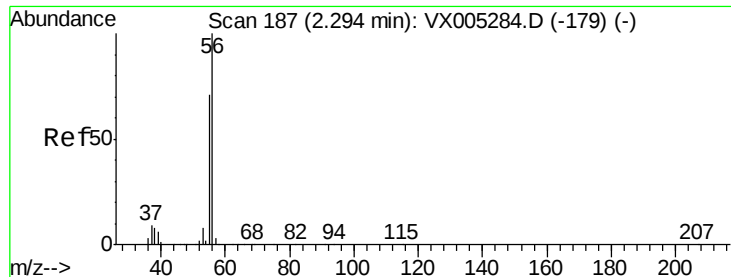


#12

1,1-Dichloroethene
 Concen: 47.794 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 96 Resp: 110783
 Ion Ratio Lower Upper
 96 100
 61 168.3 128.8 193.2
 98 63.4 52.2 78.2





#13

Acrolein

Concen: 290.370 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

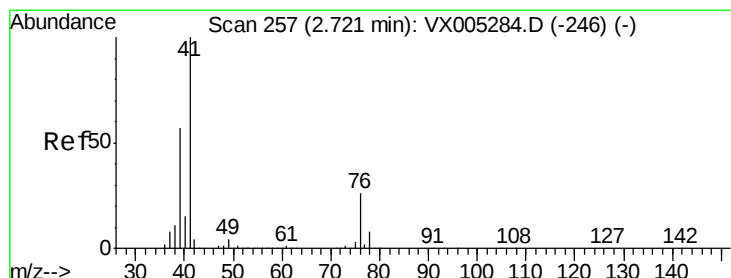
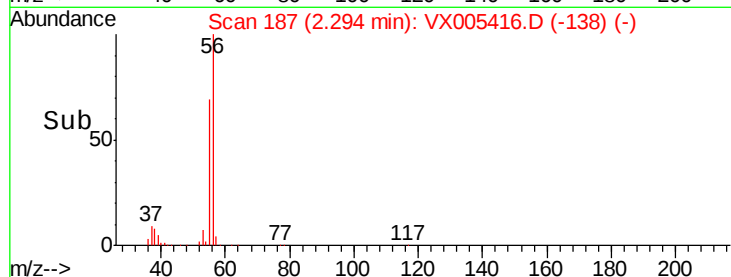
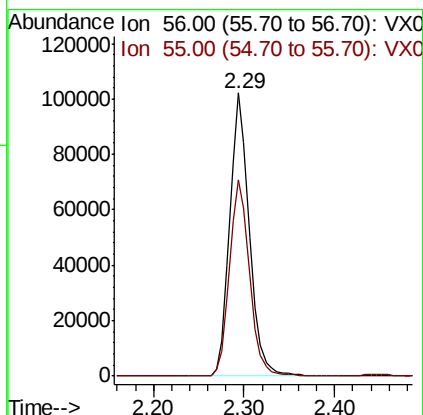
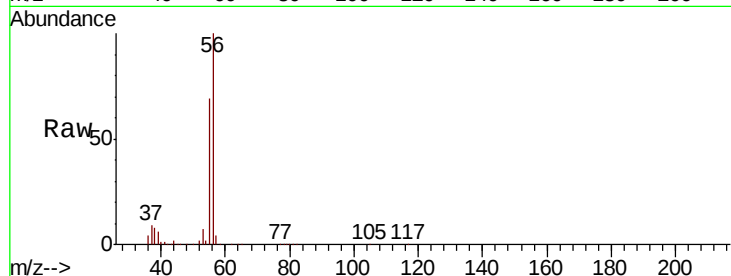
VSTDCCC050EC

Tot Ion: 56 Resp: 153339

Ion Ratio Lower Upper

56 100

55 71.0 54.7 82.1



#14

Allyl chloride

Concen: 47.825 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

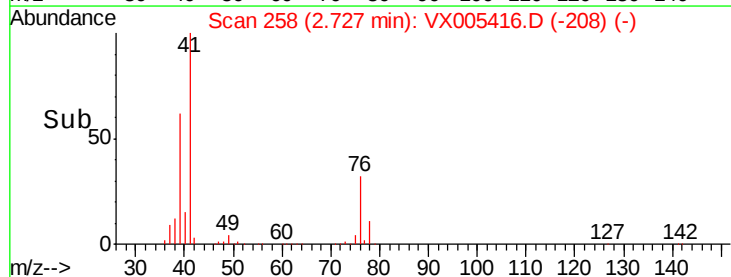
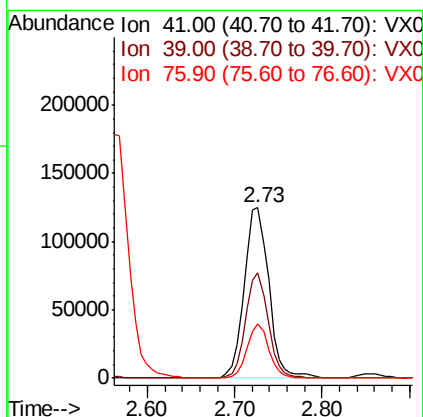
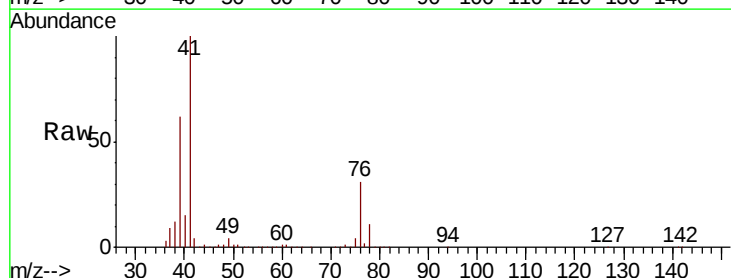
Tgt Ion: 41 Resp: 243384

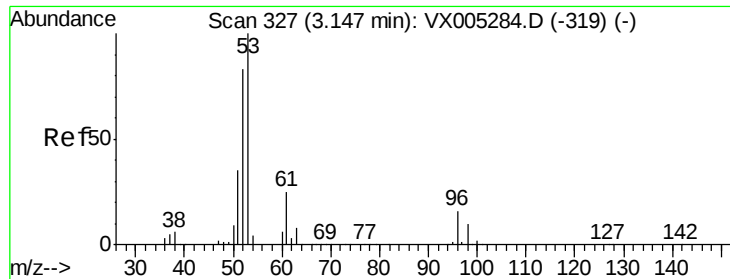
Ion Ratio Lower Upper

41 100

39 56.8 48.9 73.3

76 28.2 26.7 40.1





#15

Acrylonitrile

Concen: 238.225 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

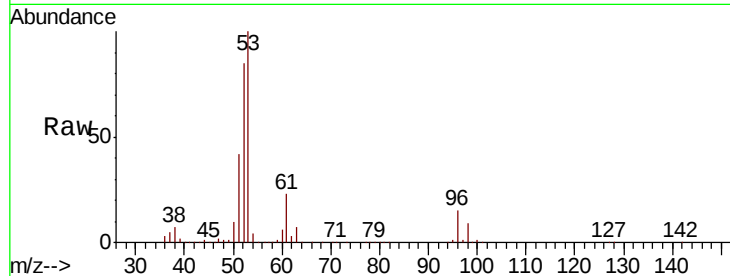
Tot Ion: 53 Resp: 447283

Ion Ratio Lower Upper

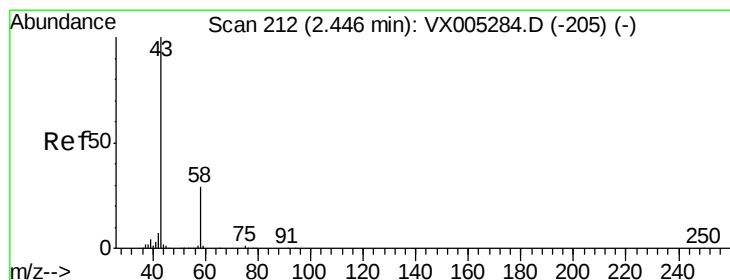
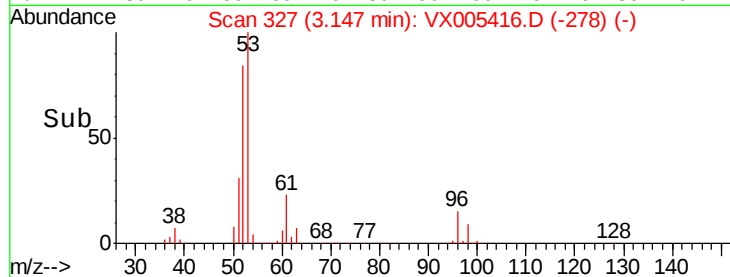
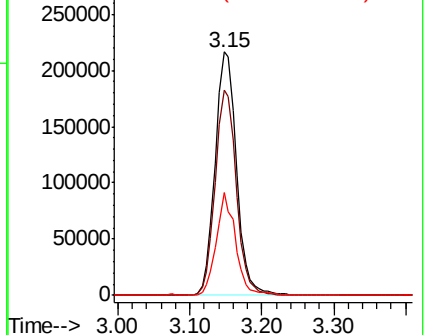
53 100

52 83.1 65.2 97.8

51 37.8 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 233.673 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005416.D

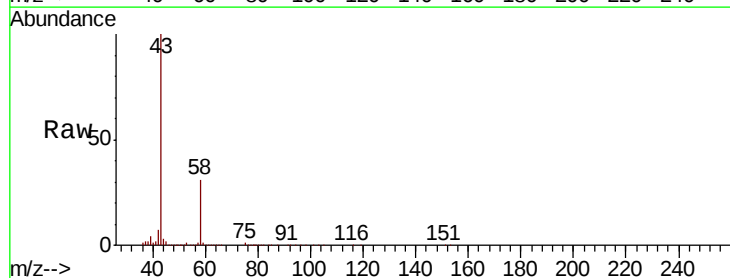
Acq: 18 Oct 2018 03:20

Tgt Ion: 43 Resp: 396844

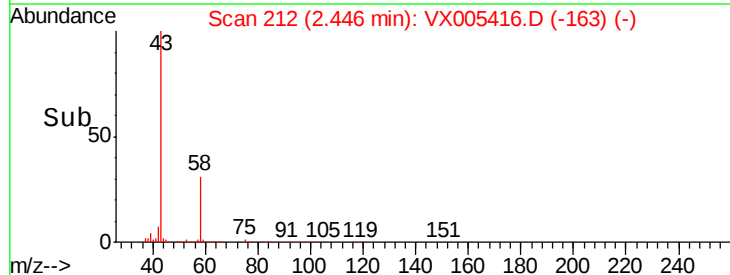
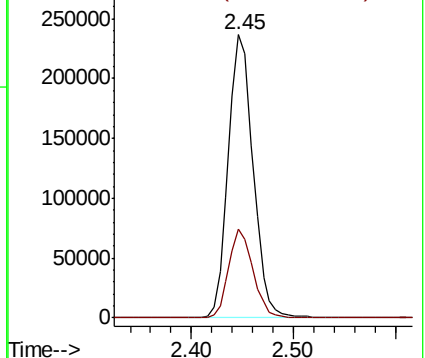
Ion Ratio Lower Upper

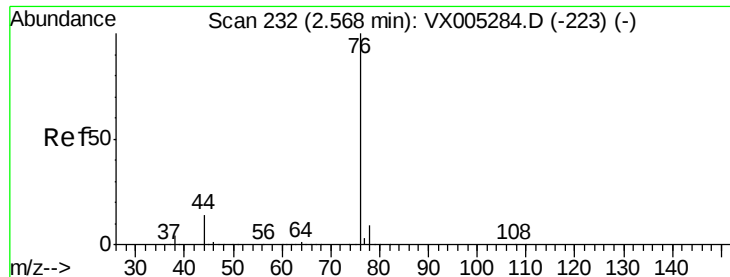
43 100

58 31.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

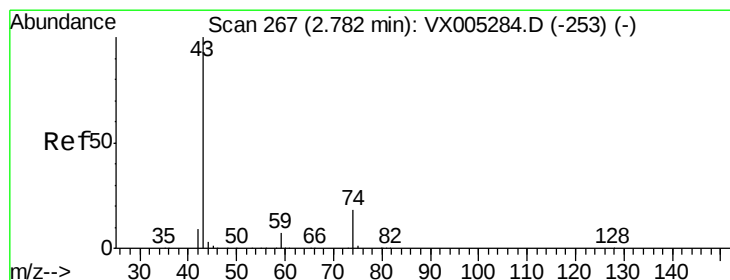
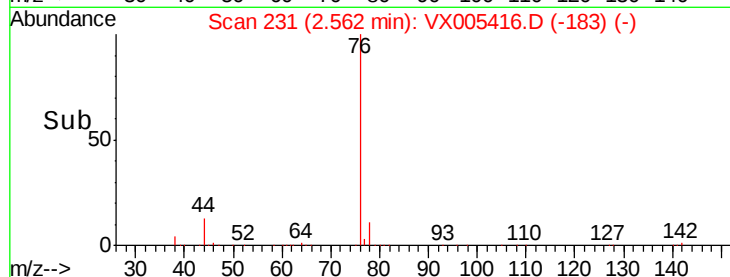
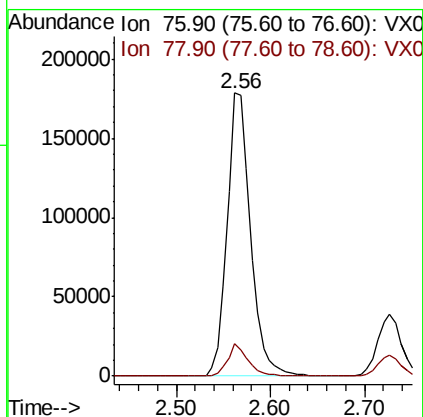
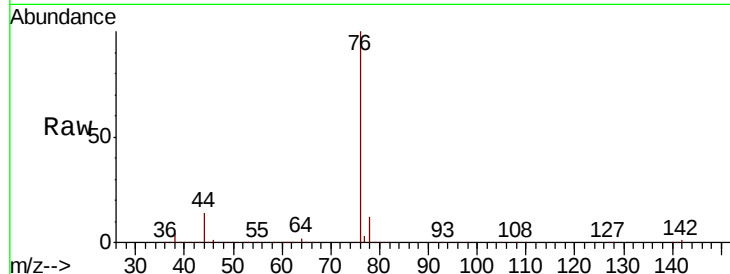




#17
Carbon Disulfide
Concen: 44.057 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

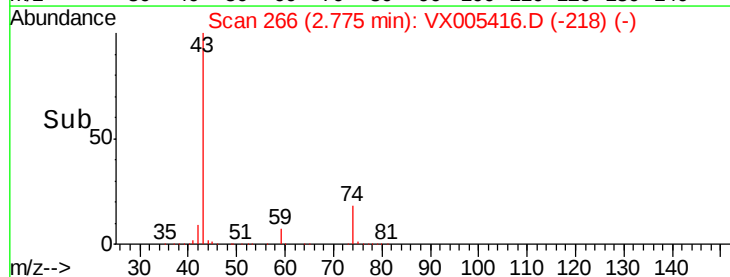
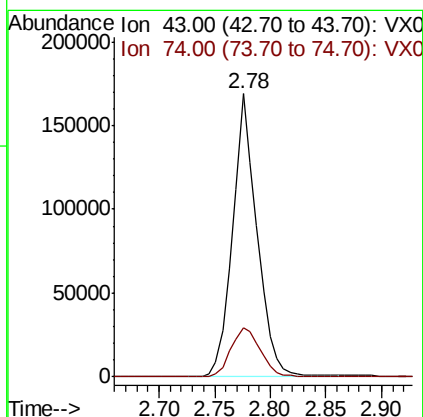
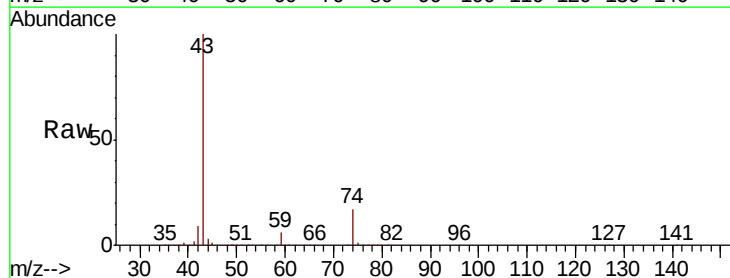
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

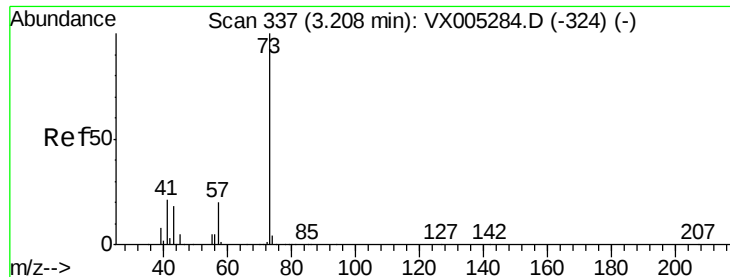
Tot Ion: 76 Resp: 309355
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#



#18
Methyl Acetate
Concen: 52.983 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 43 Resp: 255994
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2



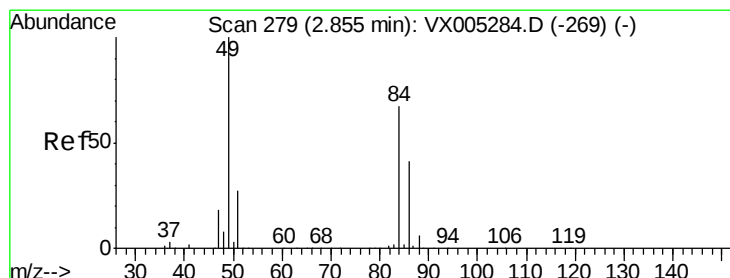
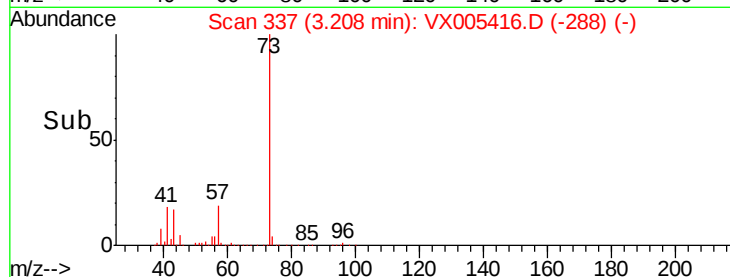
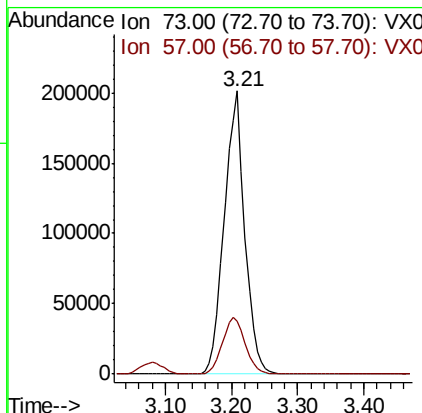
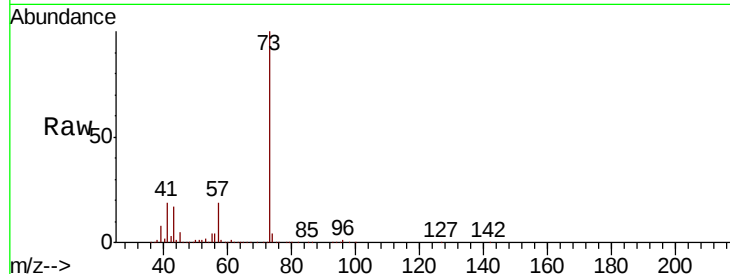


#19

Methyl tert-butyl Ether
 Concen: 52.988 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

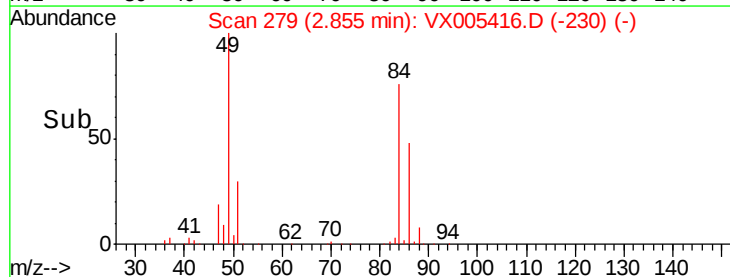
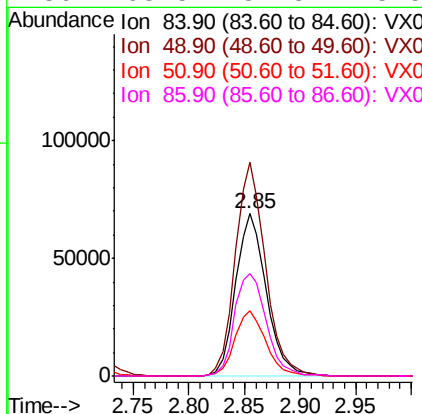
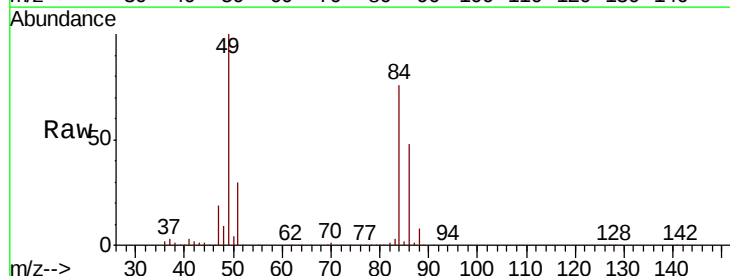
Tot Ion: 73 Resp: 432576
 Ion Ratio Lower Upper
 73 100
 57 18.7 17.1 25.7

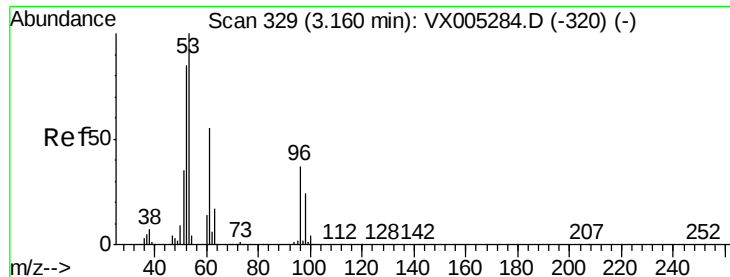


#20

Methylene Chloride
 Concen: 53.005 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 84 Resp: 130969
 Ion Ratio Lower Upper
 84 100
 49 131.7 101.2 151.8
 51 40.0 29.5 44.3
 86 63.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.099 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

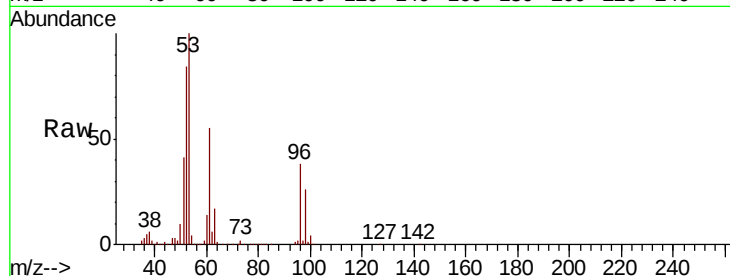
Tot Ion: 96 Resp: 120986

Ion Ratio Lower Upper

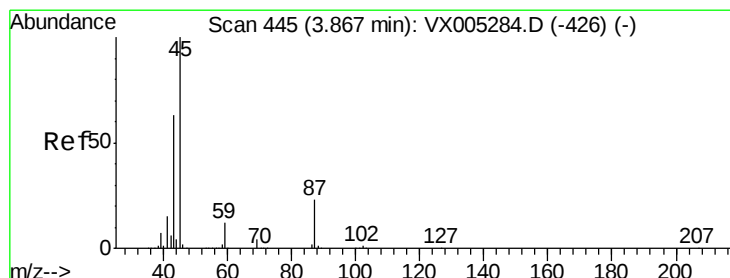
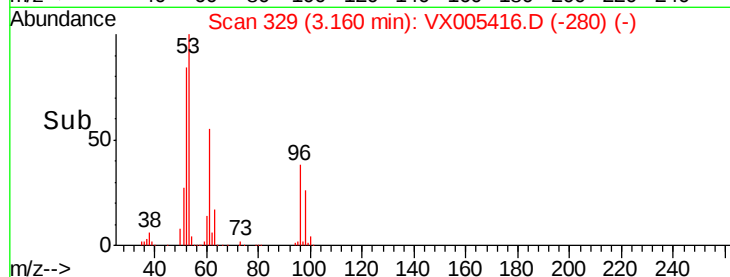
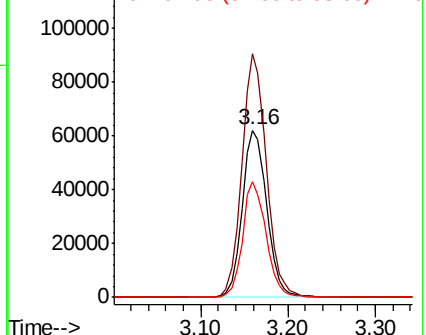
96 100

61 145.7 113.8 170.6

98 69.2 51.8 77.8



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



#22

Diisopropyl ether

Concen: 48.933 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion: 45 Resp: 418270

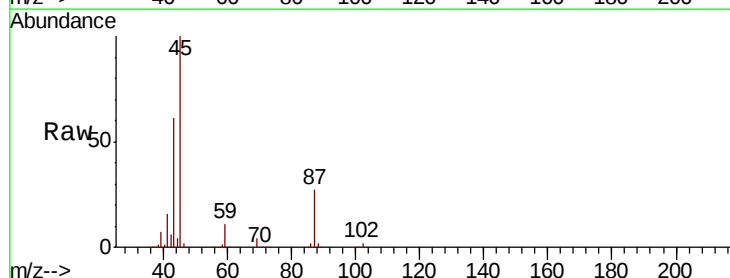
Ion Ratio Lower Upper

45 100

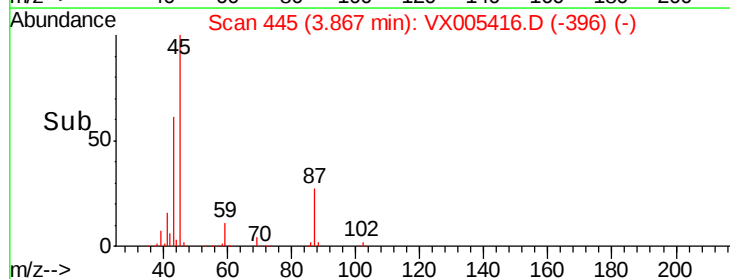
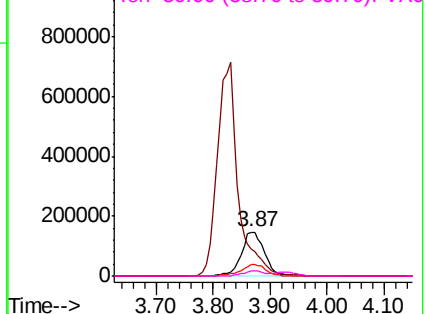
43 60.8 42.8 64.2

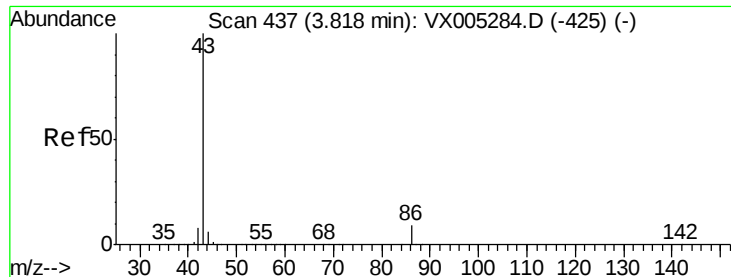
87 27.3 22.6 34.0

59 10.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.819 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

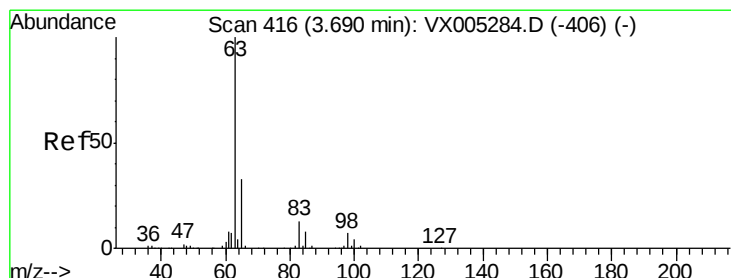
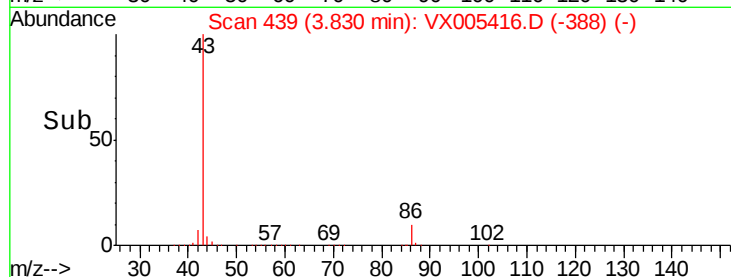
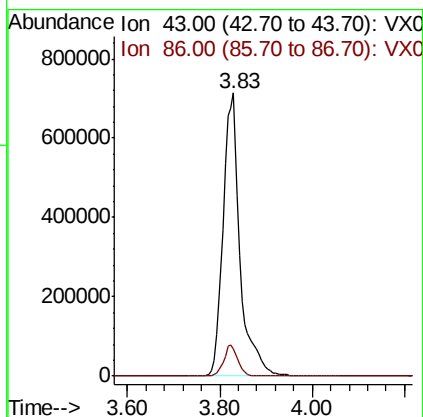
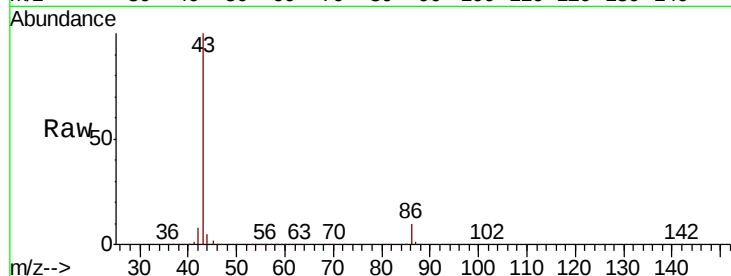
VSTDCCC050EC

Tot Ion: 43 Resp: 1806632

Ion Ratio Lower Upper

43 100

86 9.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.348 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

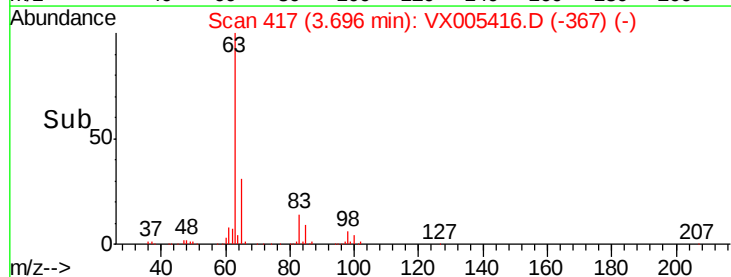
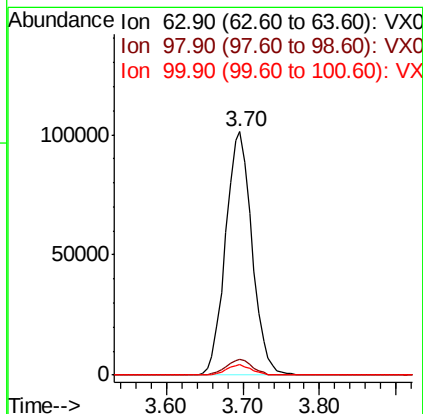
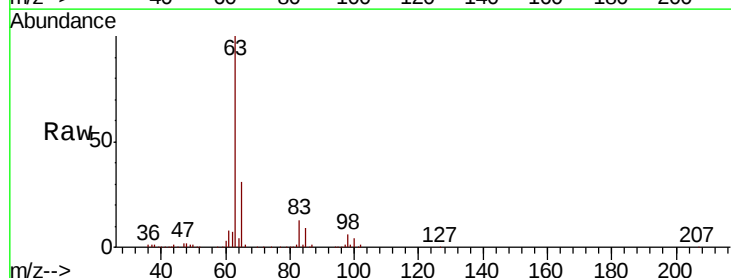
Tgt Ion: 63 Resp: 241746

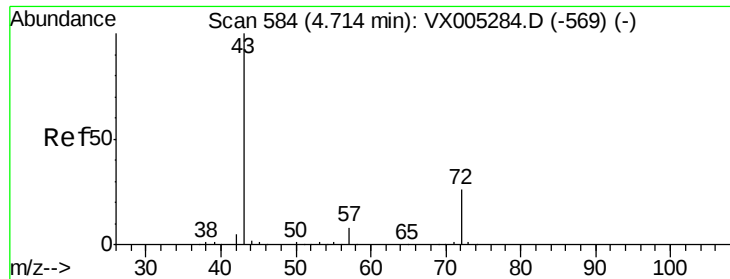
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 253.264 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

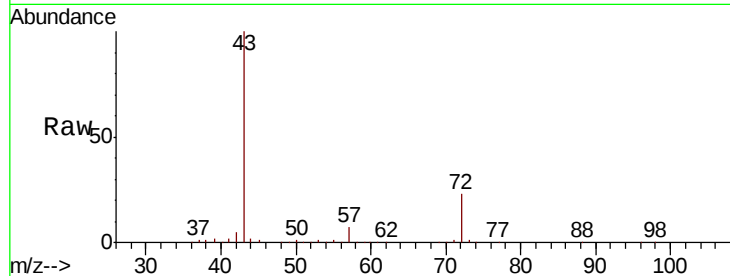
VSTDCCC050EC

Tot Ion: 43 Resp: 629307

Ion Ratio Lower Upper

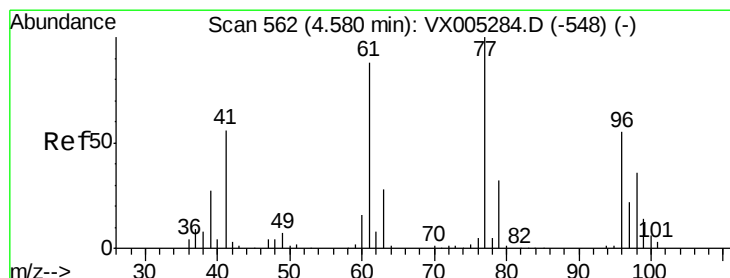
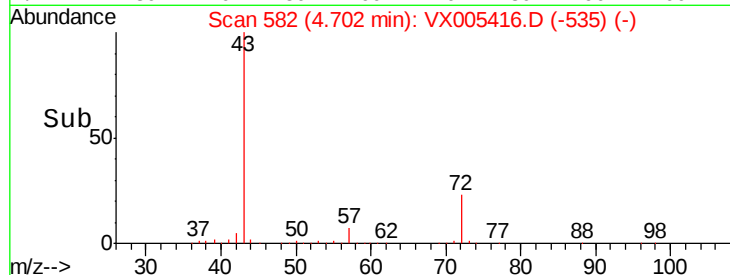
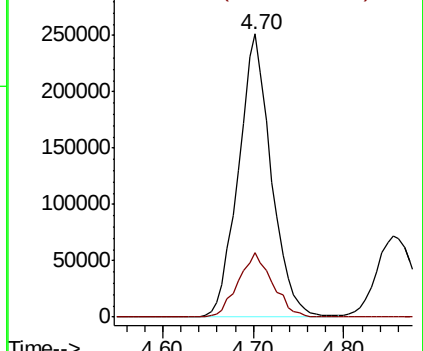
43 100

72 22.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.536 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005416.D

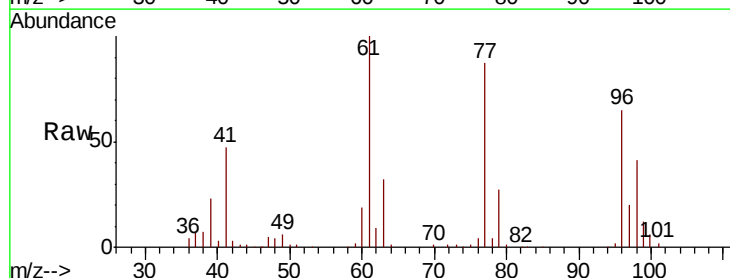
Acq: 18 Oct 2018 03:20

Tgt Ion: 77 Resp: 133858

Ion Ratio Lower Upper

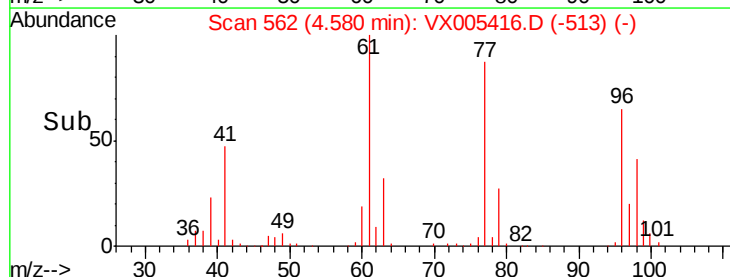
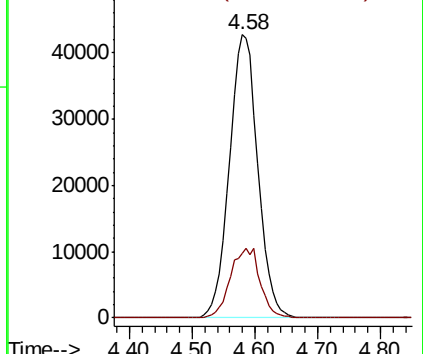
77 100

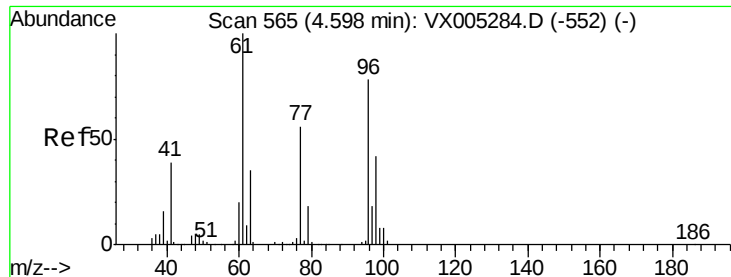
97 25.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



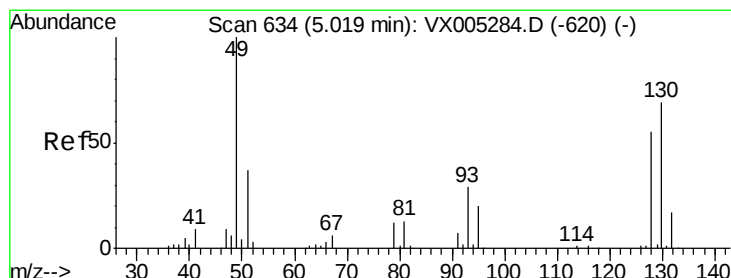
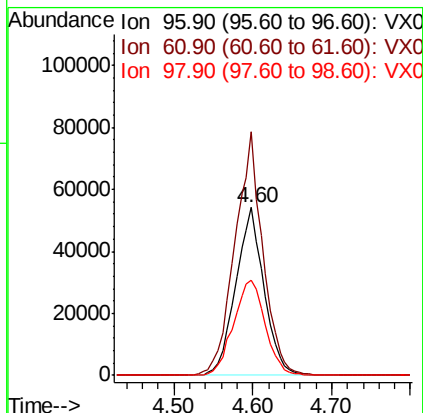
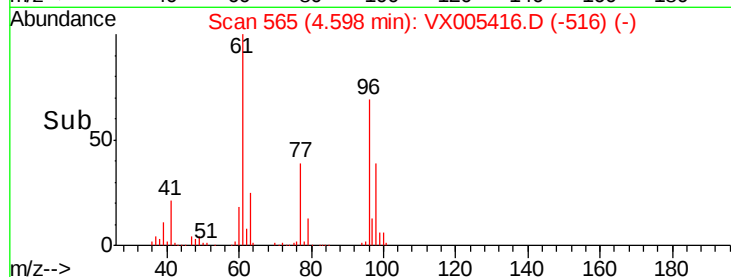
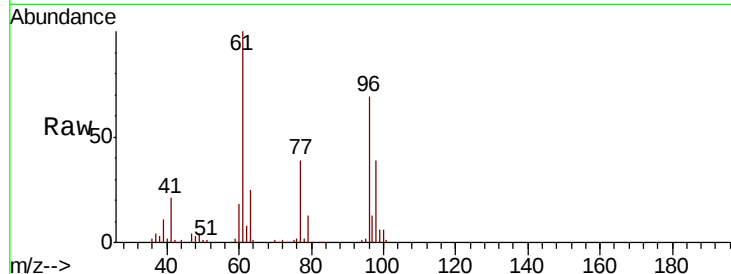


#27

cis-1,2-Dichloroethene
Concen: 48.301 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

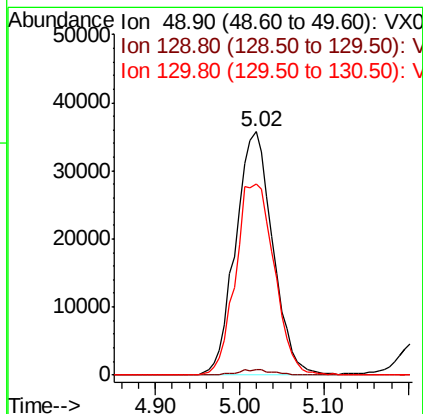
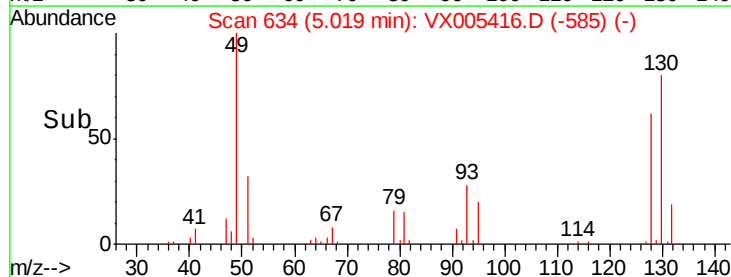
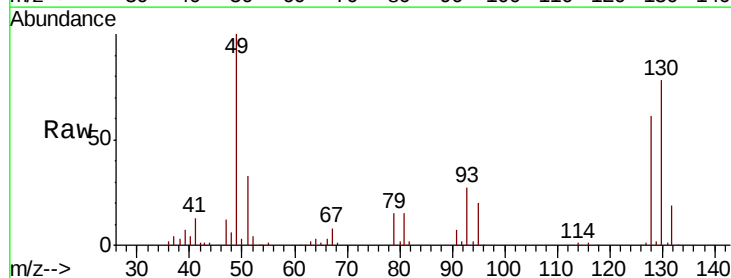
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.6
98	63.6	0.0	130.2

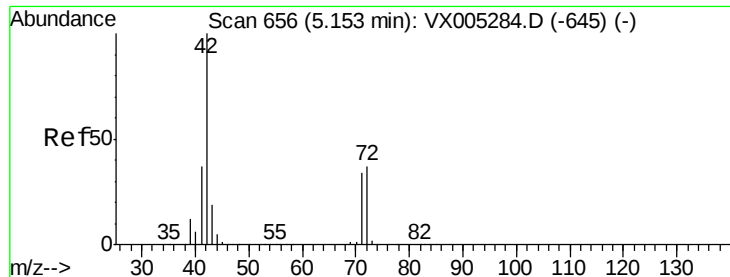


#28

Bromochloromethane
Concen: 47.831 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.9	67.5	101.3

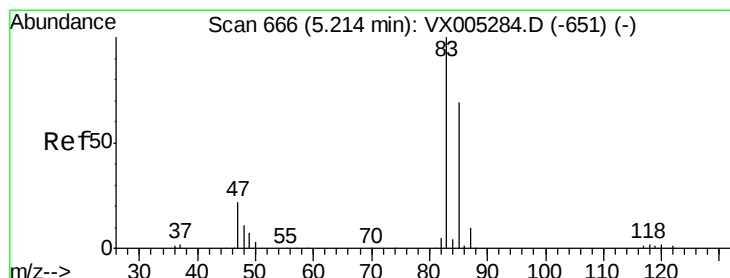
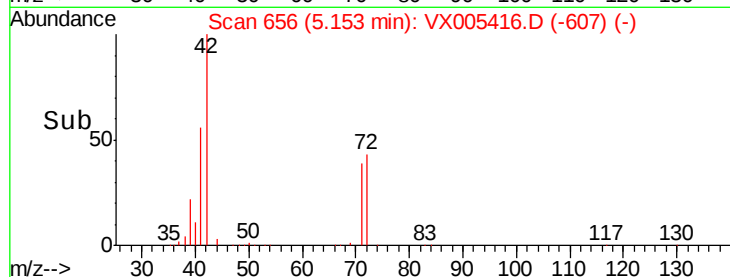
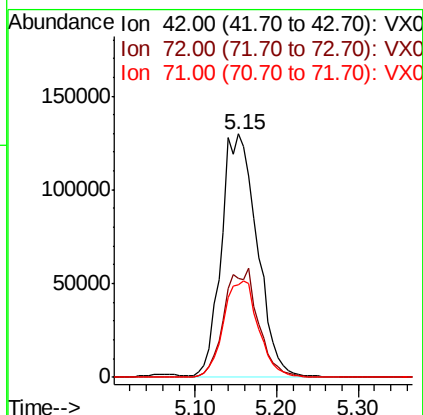
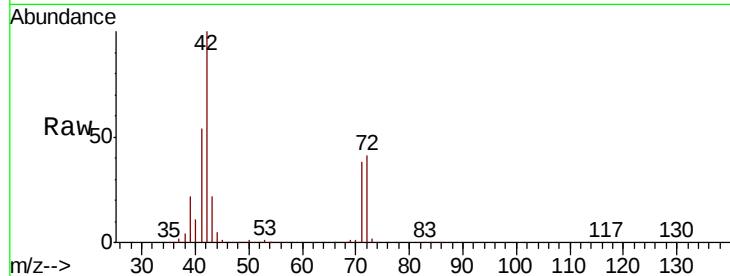




#29
Tetrahydrofuran
Concen: 247.832 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

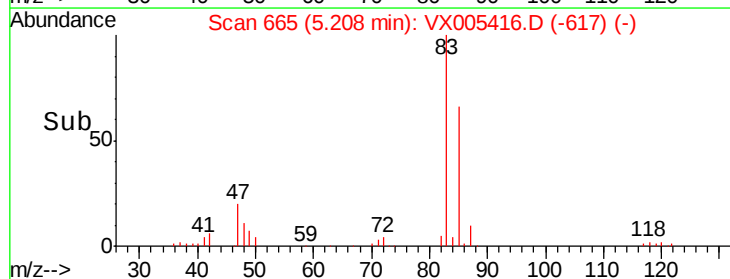
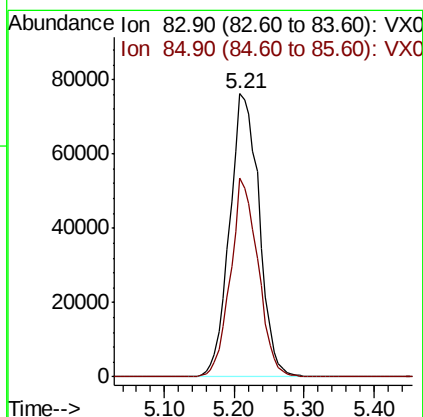
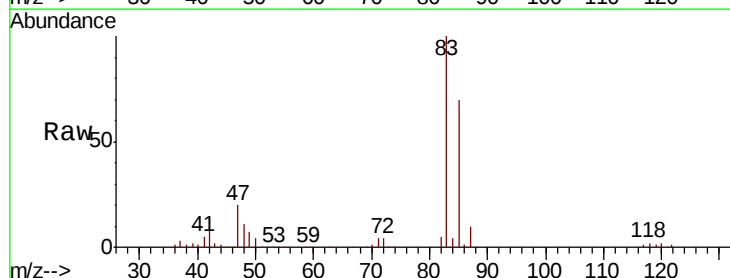
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

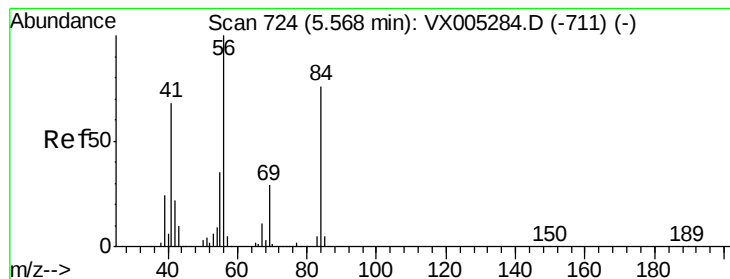
Tot Ion: 42 Resp: 392808
Ion Ratio Lower Upper
42 100
72 42.8 37.4 56.0
71 39.0 34.5 51.7



#30
Chloroform
Concen: 49.148 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 83 Resp: 223476
Ion Ratio Lower Upper
83 100
85 70.2 52.6 79.0





#31

Cvclohexane

Concen: 47.441 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

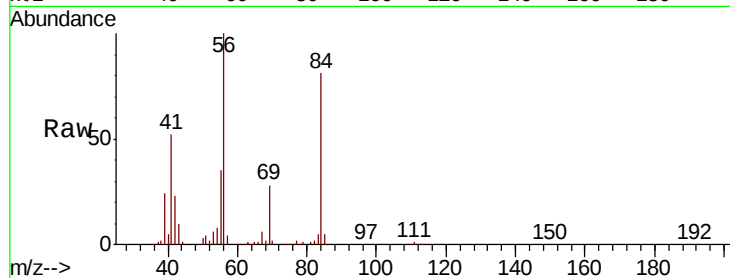
Tot Ion: 56 Resp: 191551

Ion Ratio Lower Upper

56 100

69 28.3 25.4 38.2

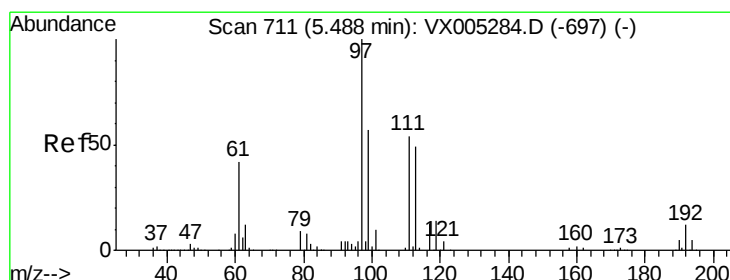
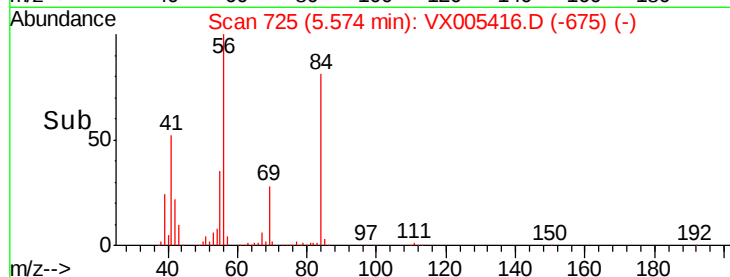
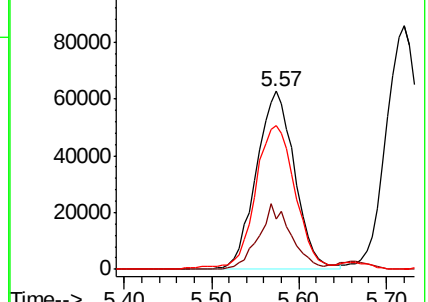
84 79.6 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.631 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

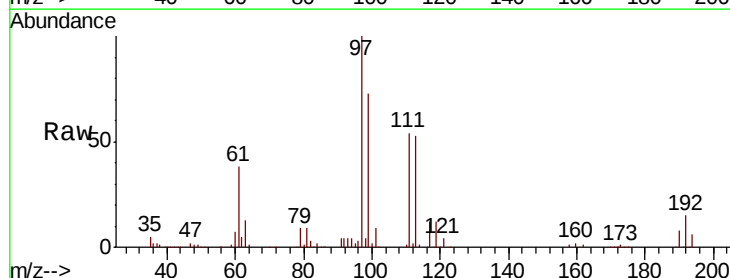
Tgt Ion: 97 Resp: 196361

Ion Ratio Lower Upper

97 100

99 66.3 52.0 78.0

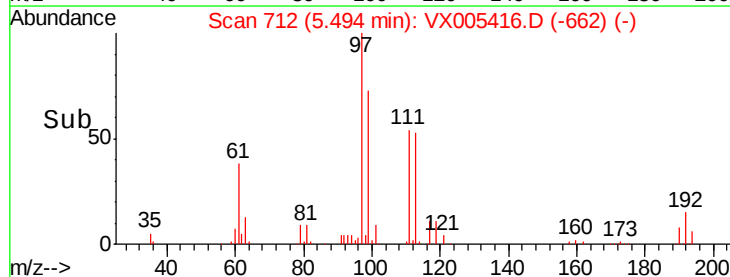
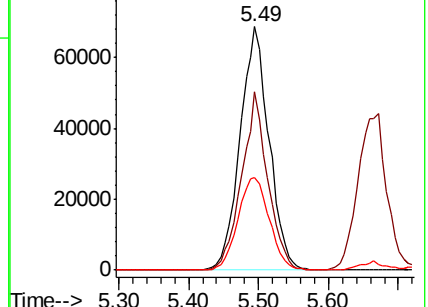
61 41.5 34.9 52.3

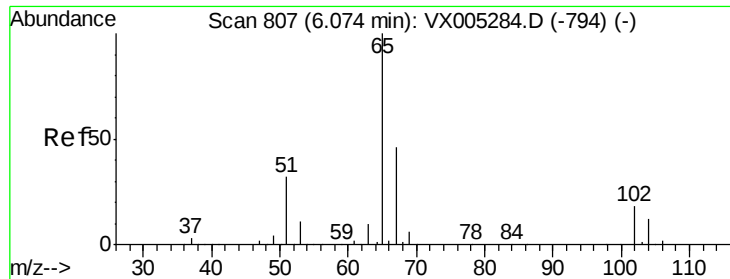


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

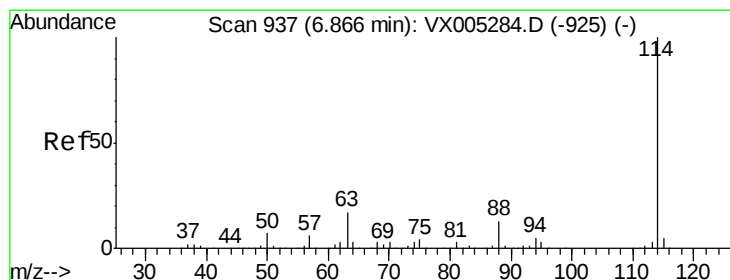
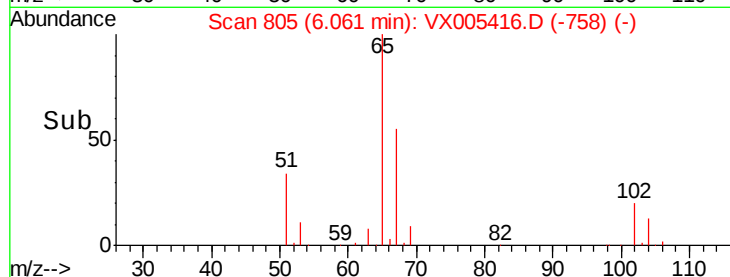
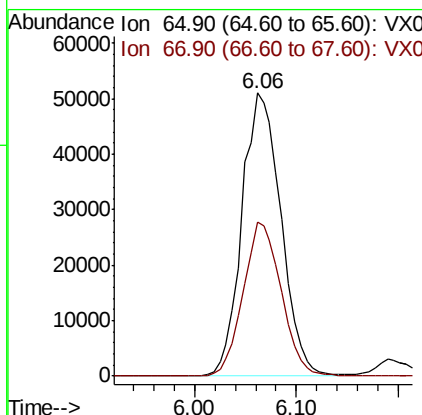
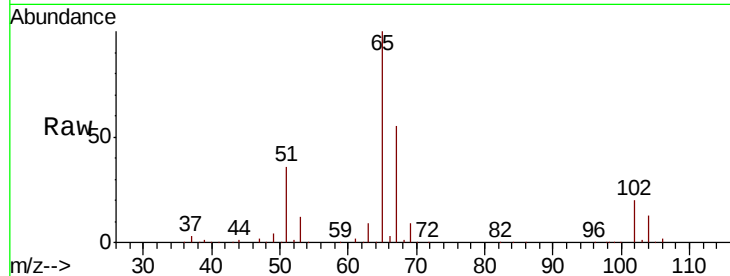




#33
 1,2-Dichloroethane-d4
 Concen: 46.131 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

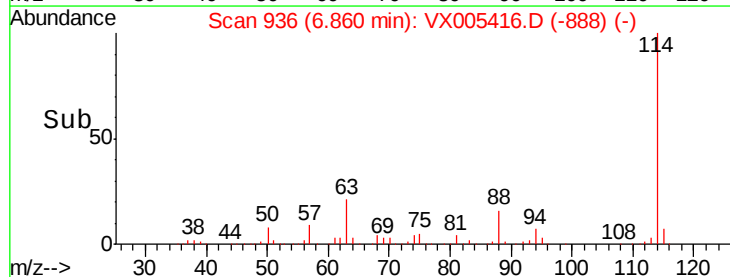
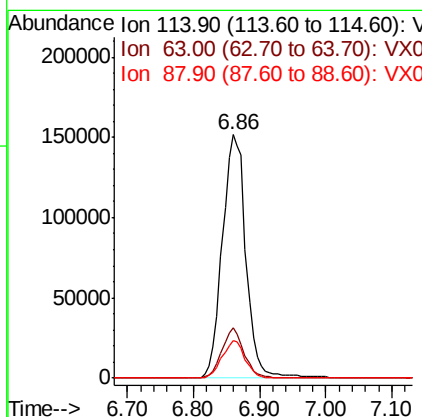
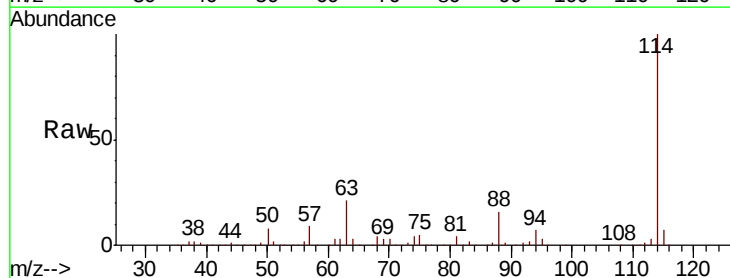
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

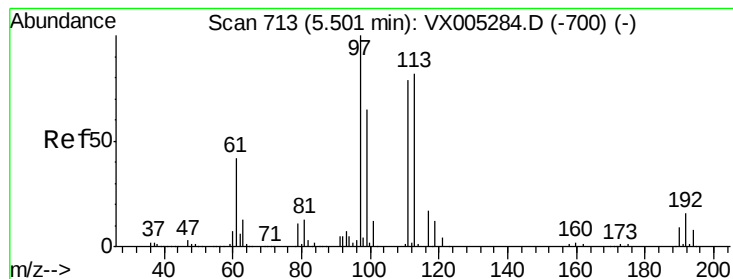
Tot Ion: 65 Resp: 135500
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 114 Resp: 375942
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.103 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

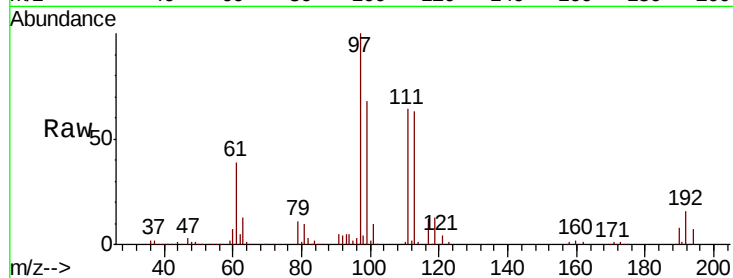
Tot Ion:113 Resp: 112304

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

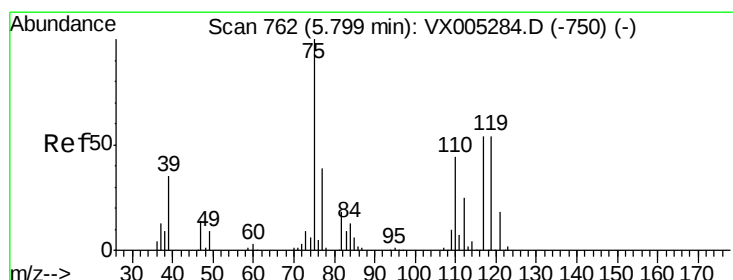
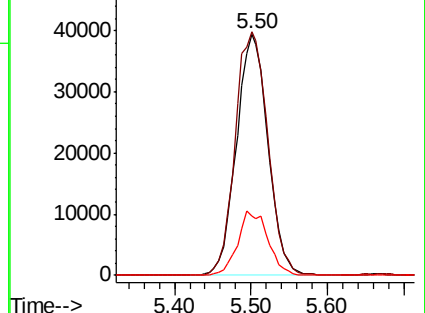
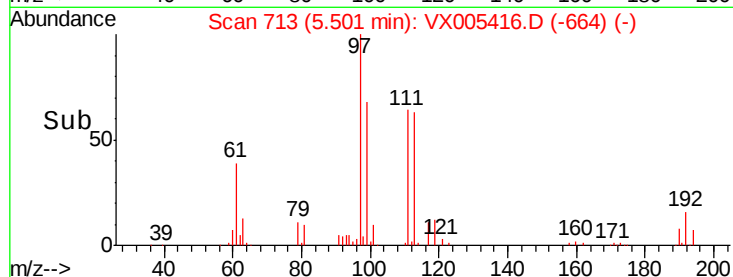
192 25.5 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.315 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

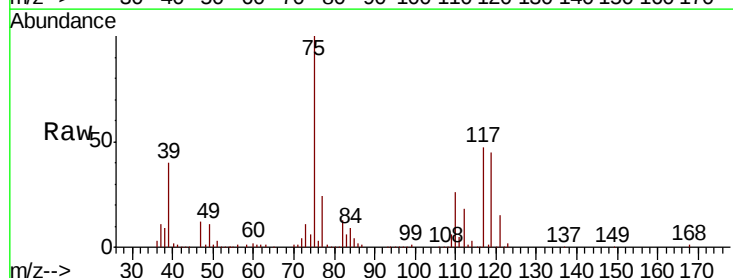
Tgt Ion: 75 Resp: 168631

Ion Ratio Lower Upper

75 100

110 35.1 18.0 54.0

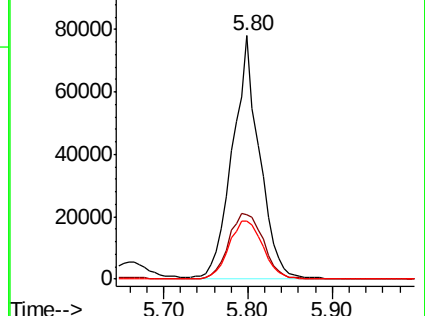
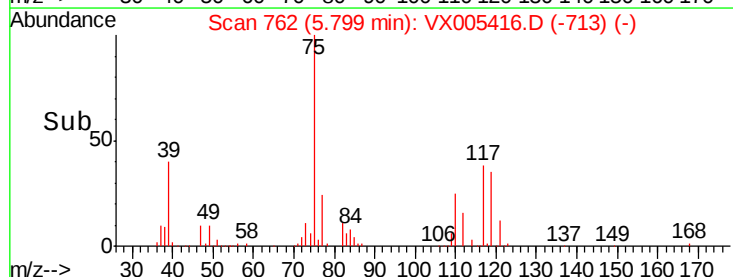
77 30.6 24.6 36.8

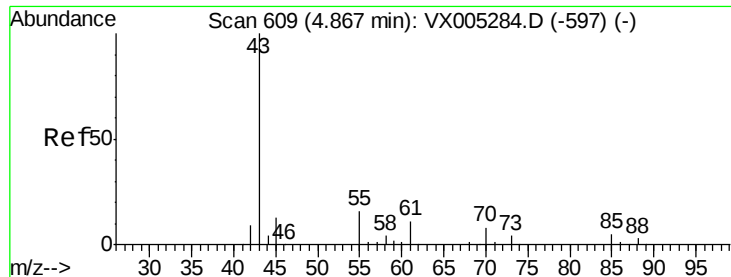


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.277 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

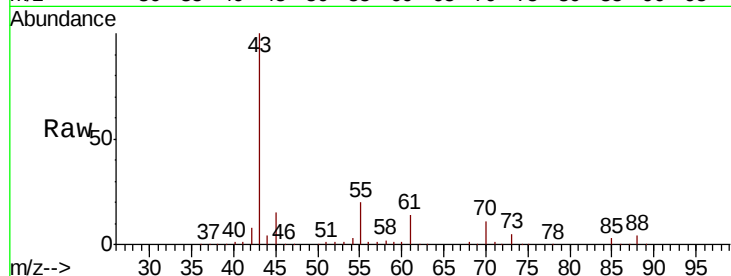
Tot Ion: 43 Resp: 212004

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

300000

200000

100000

0

4.70

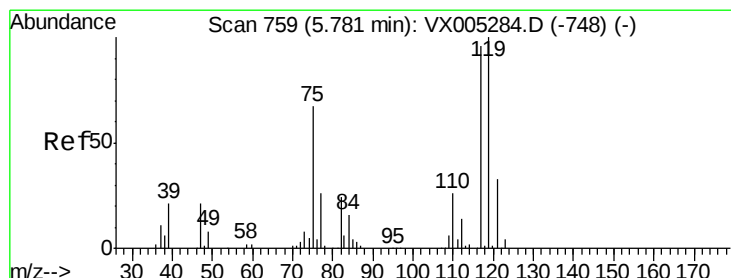
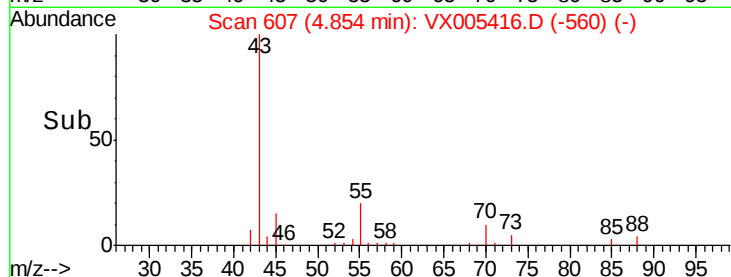
4.80

4.85

4.90

5.00

Time-->



#38

Carbon Tetrachloride

Concen: 47.264 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

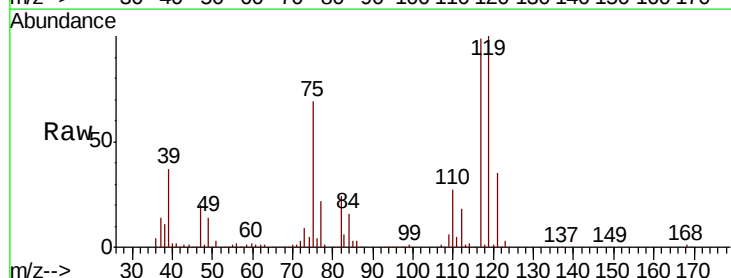
Tgt Ion: 117 Resp: 172910

Ion Ratio Lower Upper

117 100

119 100.8 78.8 118.2

121 35.6 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

80000

60000

40000

20000

0

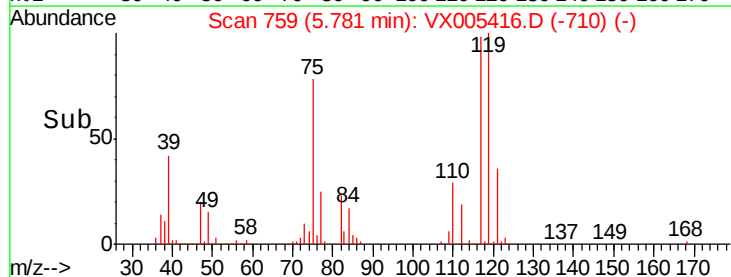
5.70

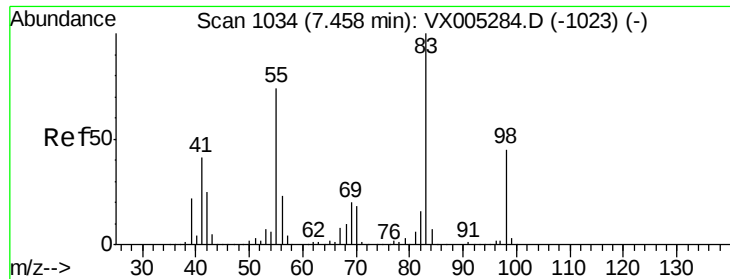
5.78

5.80

5.90

Time-->

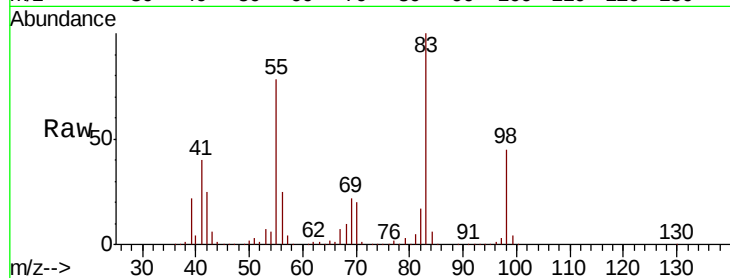




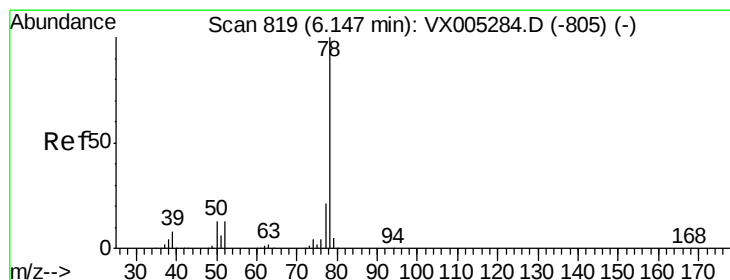
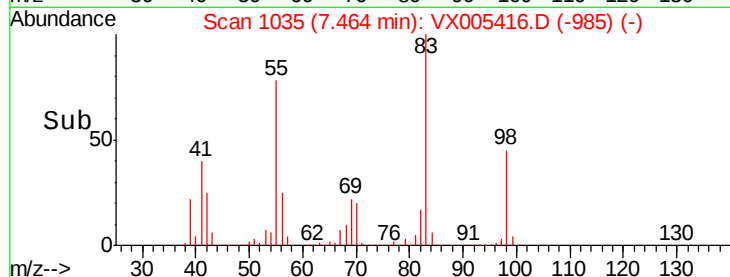
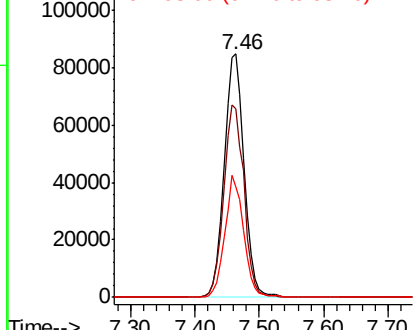
#39
Methvlcvclohexane
Concen: 47.045 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 185385
Ion Ratio Lower Upper
83 100
55 77.5 61.0 91.4
98 45.3 39.6 59.4

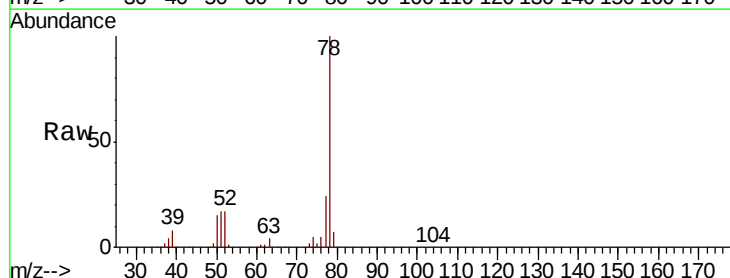


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

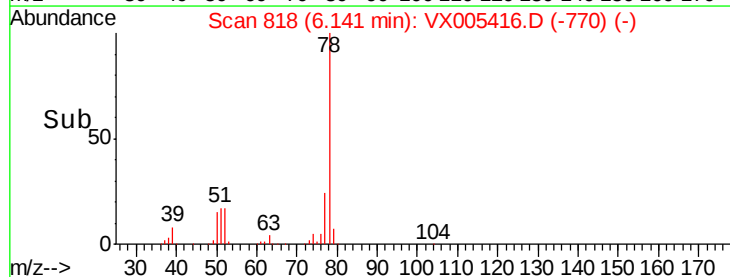
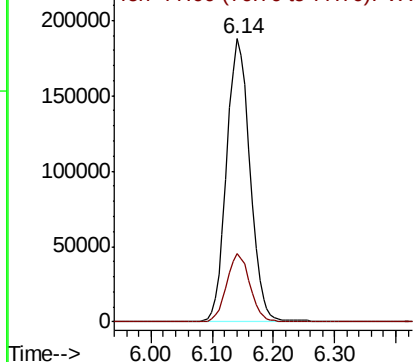


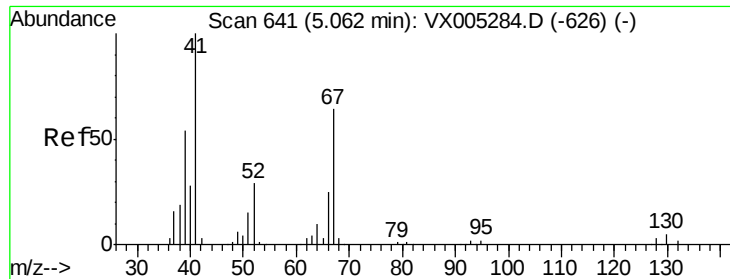
#40
Benzene
Concen: 45.308 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 78 Resp: 494868
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



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





#41

Methacrylonitrile

Concen: 48.913 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 122784

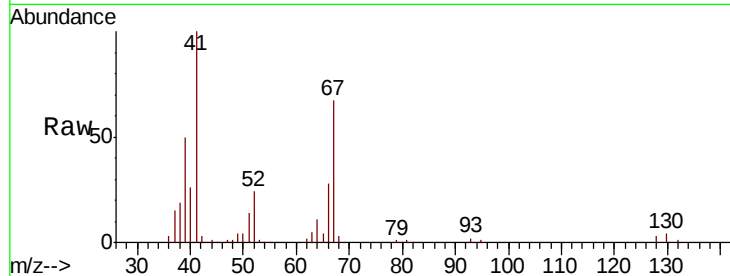
Ion Ratio Lower Upper

41 100

39 51.2 42.4 63.6

67 67.5 59.2 88.8

52 27.4 23.0 34.4

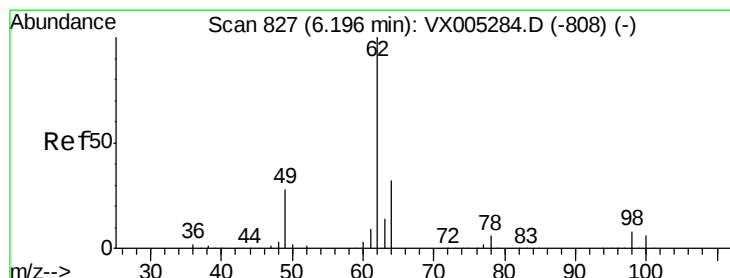
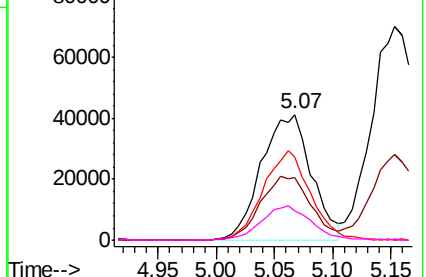
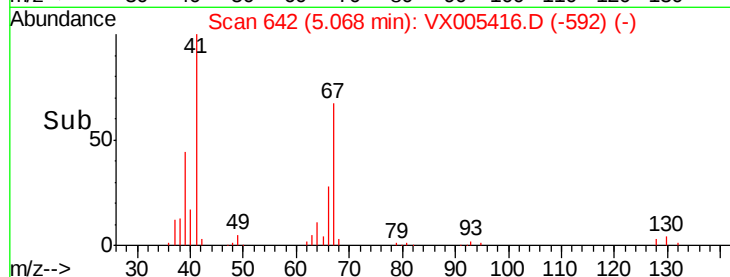


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.336 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005416.D

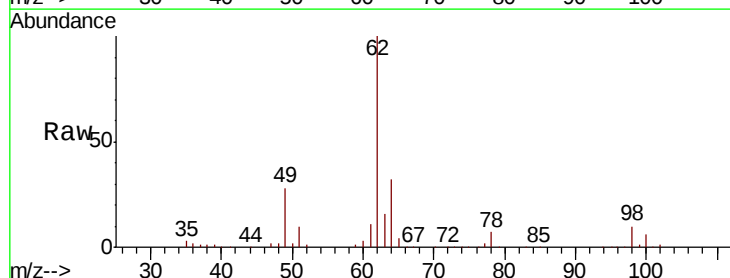
Acq: 18 Oct 2018 03:20

Tgt Ion: 62 Resp: 174843

Ion Ratio Lower Upper

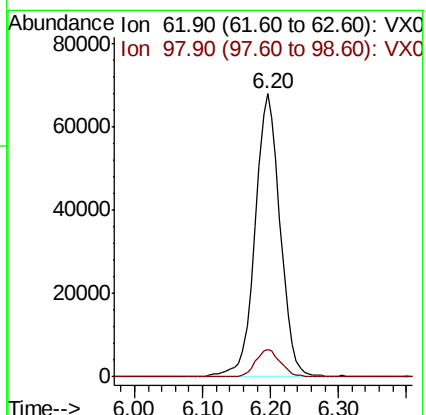
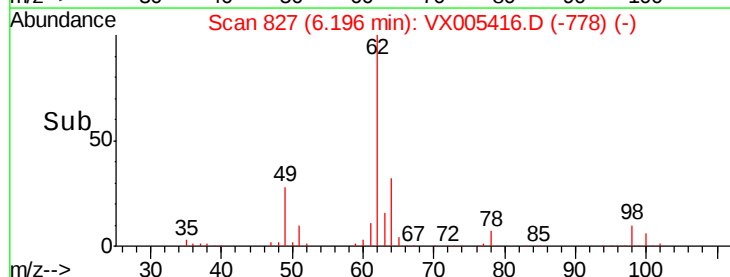
62 100

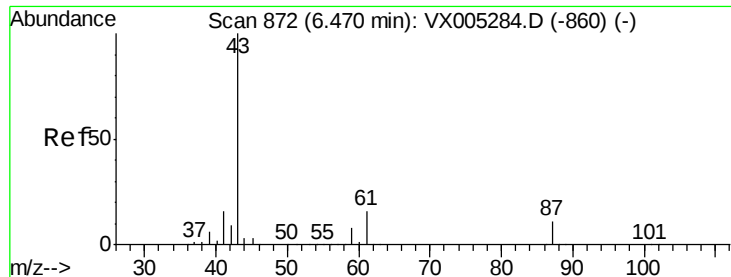
98 9.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.062 ug/l

RT: 6.47 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

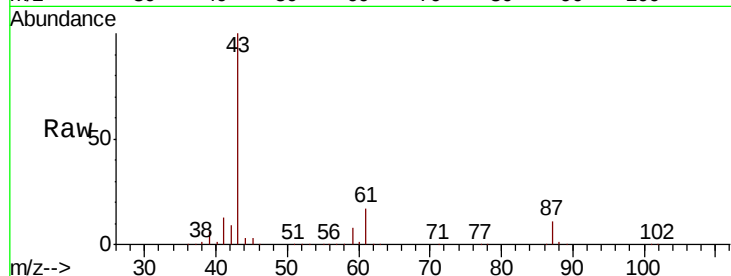
Tot Ion: 43 Resp: 324728

Ion Ratio Lower Upper

43 100

61 19.4 17.0 25.4

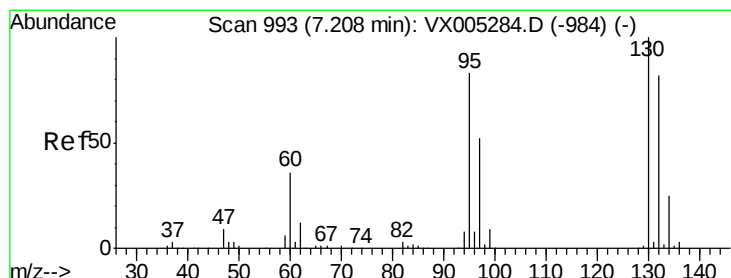
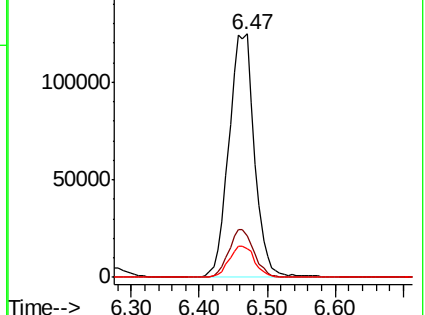
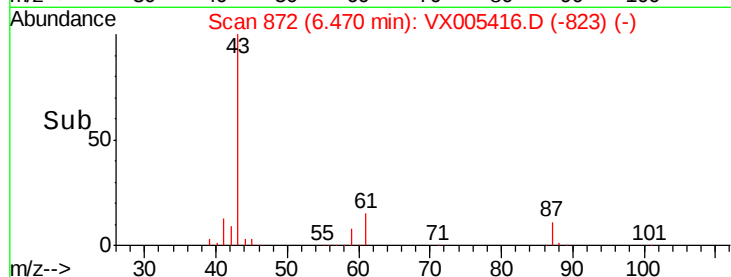
87 12.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005416.D (-823) (-)

Ion 61.00 (60.70 to 61.70): VX005416.D (-823) (-)

Ion 87.00 (86.70 to 87.70): VX005416.D (-823) (-)



#44

Trichloroethene

Concen: 48.289 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005416.D

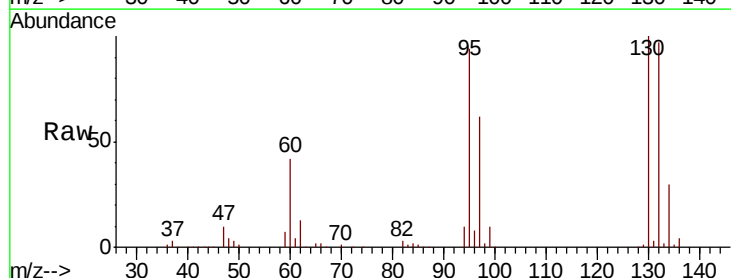
Acq: 18 Oct 2018 03:20

Tgt Ion:130 Resp: 134728

Ion Ratio Lower Upper

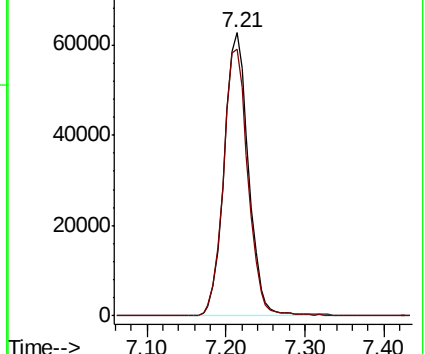
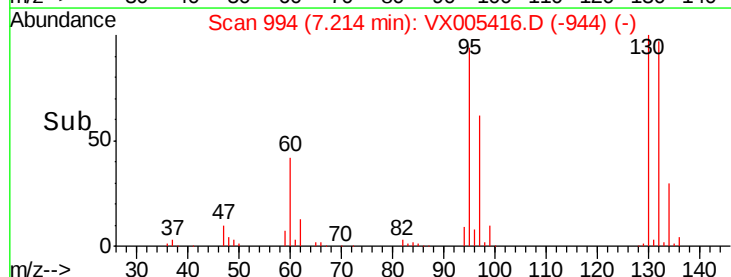
130 100

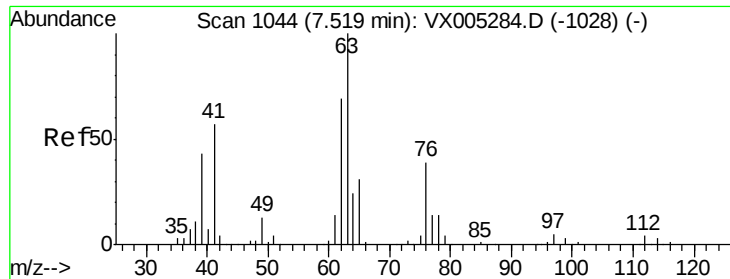
95 94.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005416.D (-944) (-)

Ion 94.90 (94.60 to 95.60): VX005416.D (-944) (-)





#45

1,2-Dichloropropane

Concen: 49.138 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

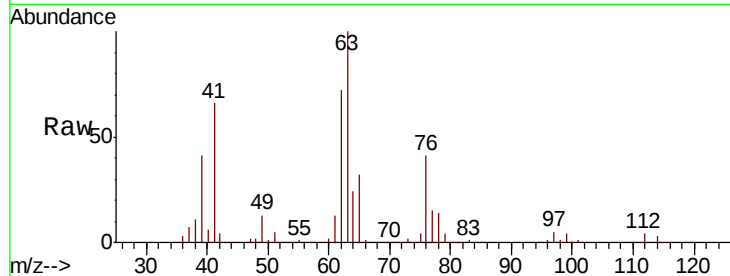
VSTDCCC050EC

Tot Ion: 63 Resp: 131649

Ion Ratio Lower Upper

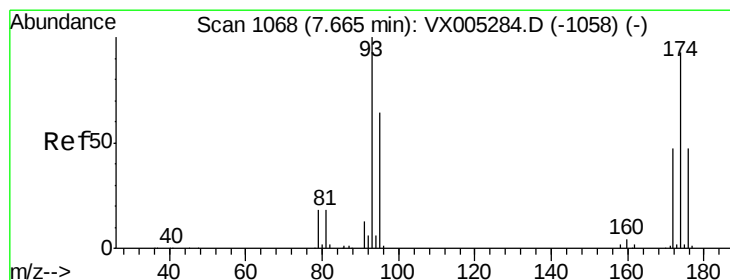
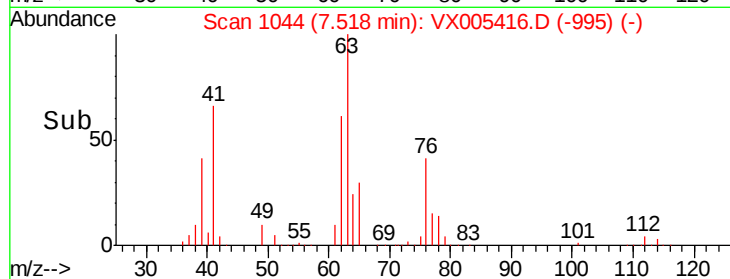
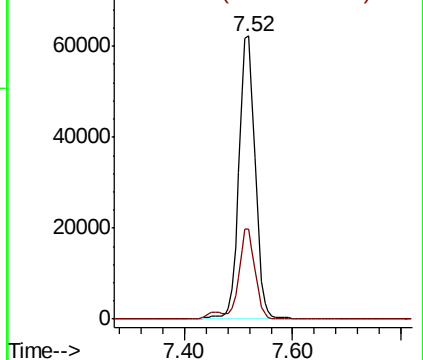
63 100

65 31.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.617 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

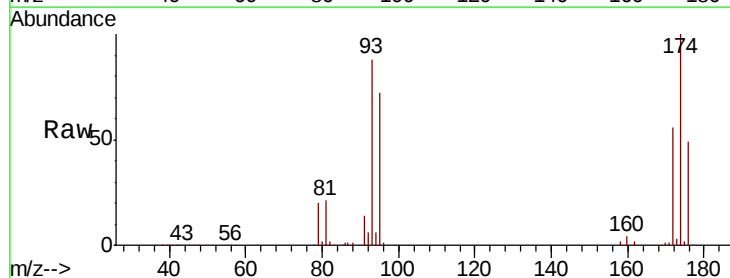
Tgt Ion: 93 Resp: 84200

Ion Ratio Lower Upper

93 100

95 85.4 65.5 98.3

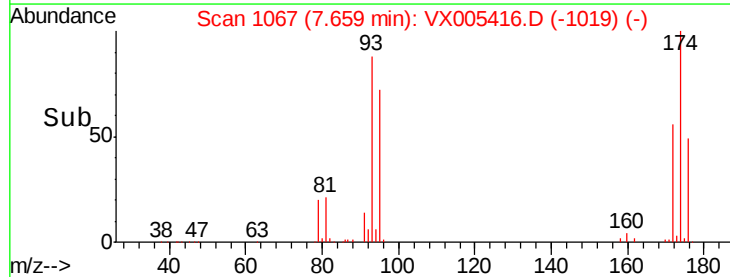
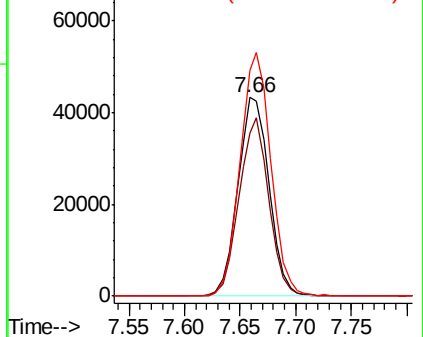
174 121.0 94.2 141.4

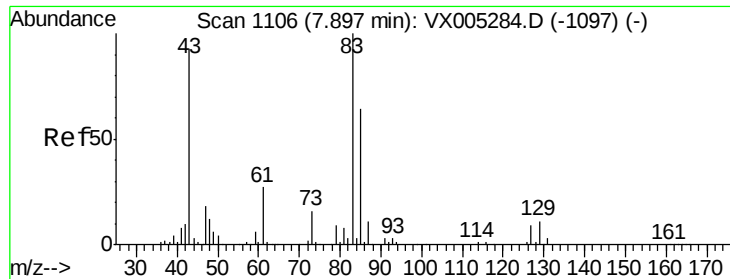


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.597 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

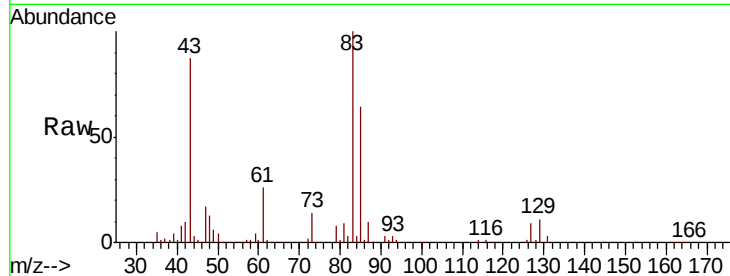
Tot Ion: 83 Resp: 165493

Ion Ratio Lower Upper

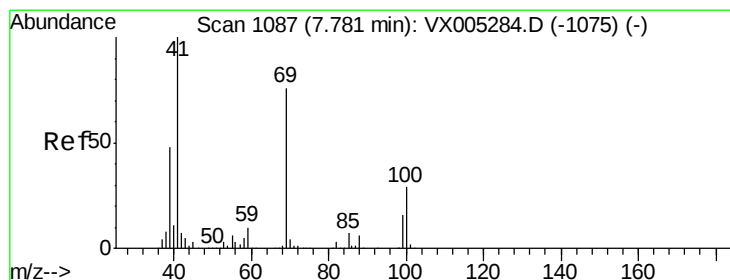
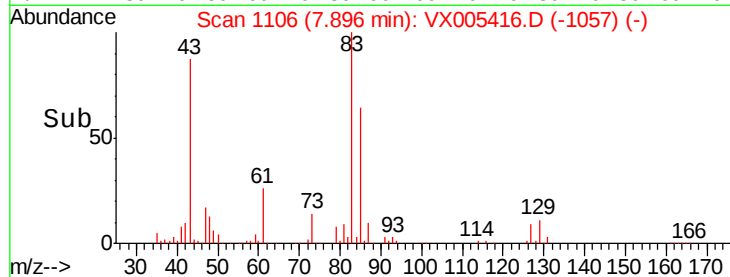
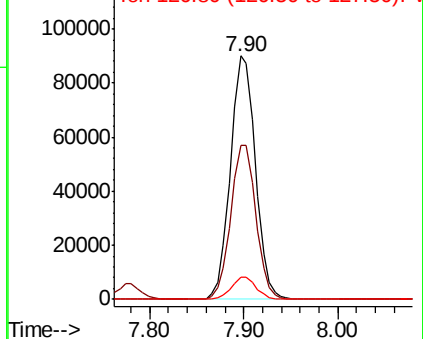
83 100

85 63.5 50.9 76.3

127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.613 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

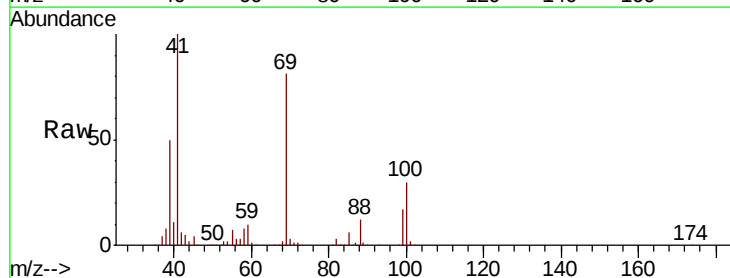
Tgt Ion: 41 Resp: 163734

Ion Ratio Lower Upper

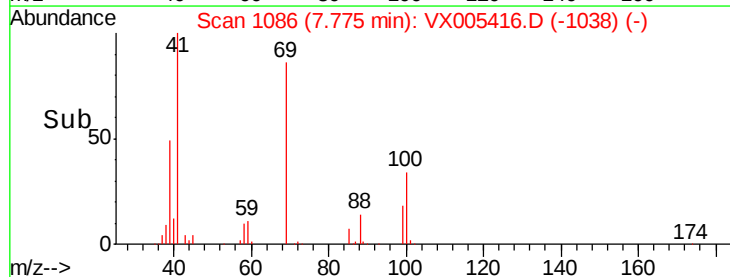
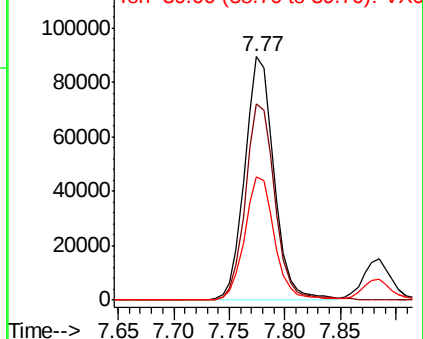
41 100

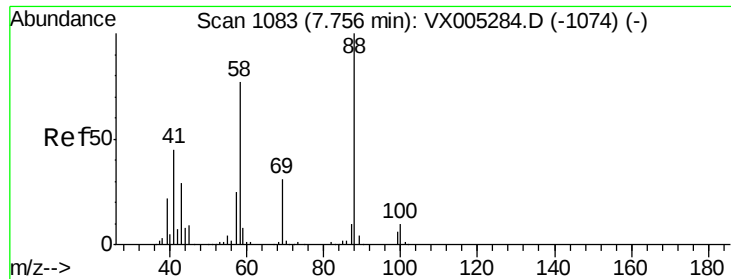
69 82.2 70.2 105.4

39 51.8 42.7 64.1



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

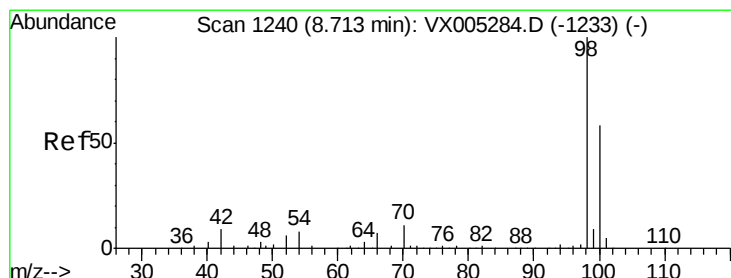
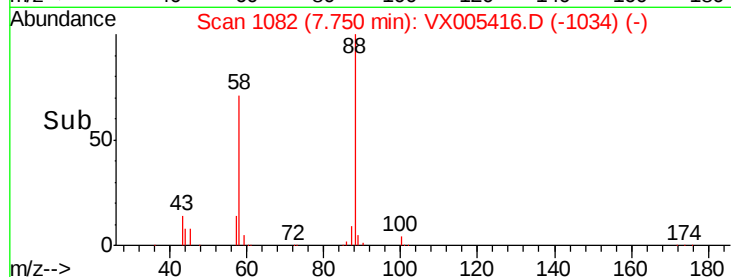
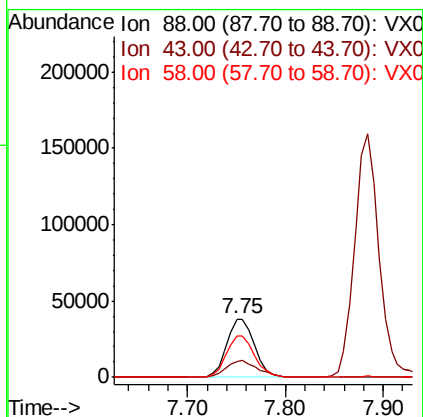
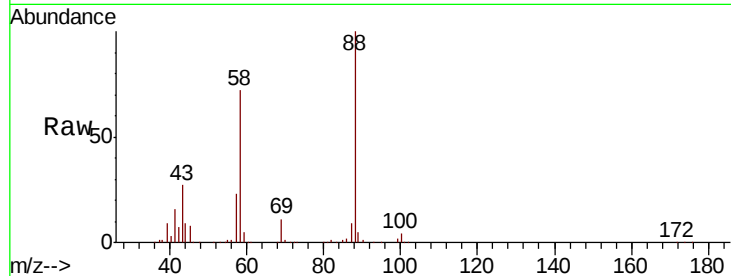




#49
1,4-Dioxane
Concen: 1013.361 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

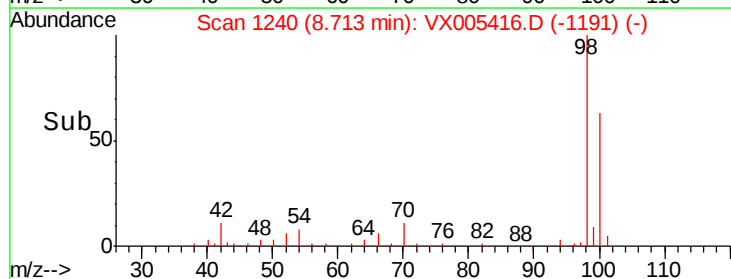
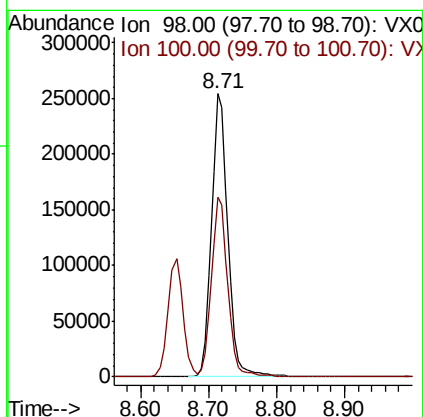
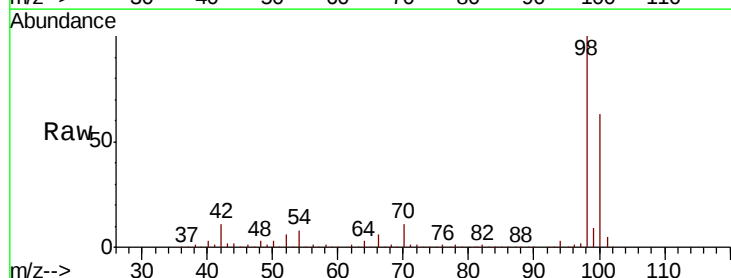
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

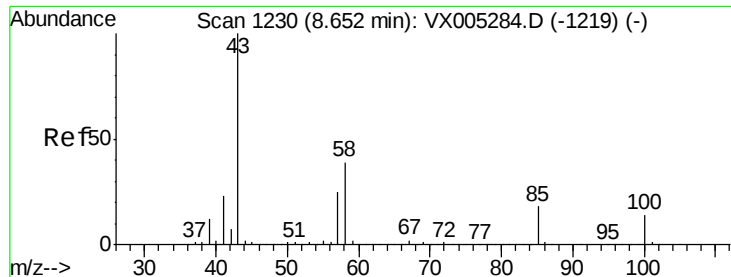
Tot Ion: 88 Resp: 75612
Ion Ratio Lower Upper
88 100
43 31.7 24.7 37.1
58 72.3 55.3 82.9



#50
Toluene-d8
Concen: 49.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 98 Resp: 421460
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3

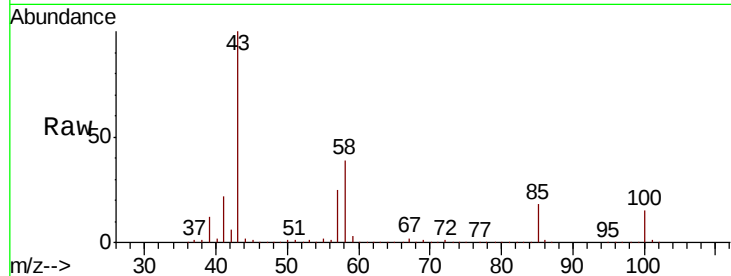




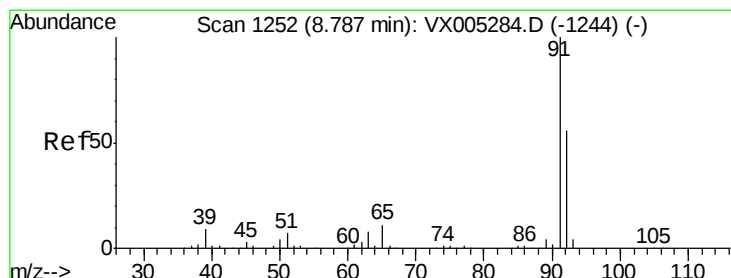
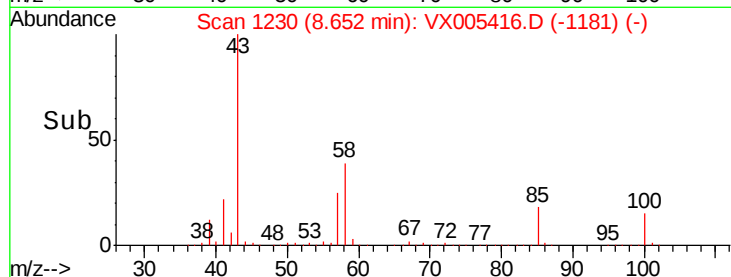
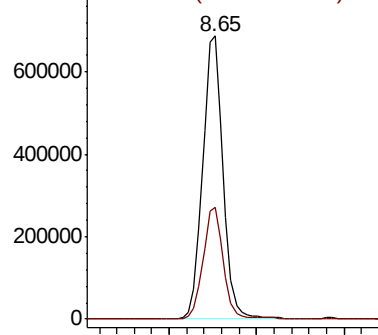
#51
4-Methyl-2-Pentanone
Concen: 258.573 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1116740
Ion Ratio Lower Upper
43 100
58 38.8 33.1 49.7

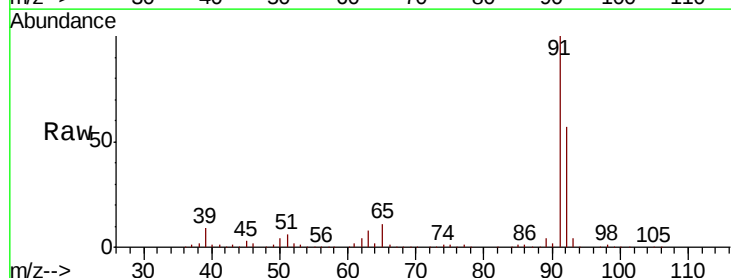


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

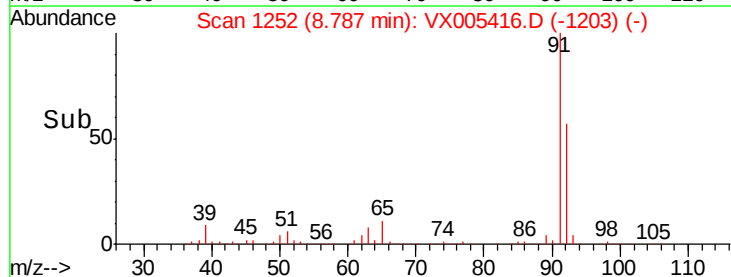
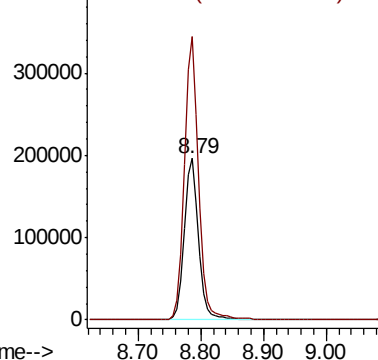


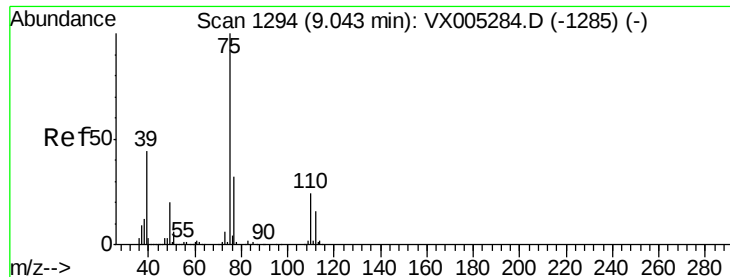
#52
Toluene
Concen: 51.619 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 92 Resp: 308443
Ion Ratio Lower Upper
92 100
91 174.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.990 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

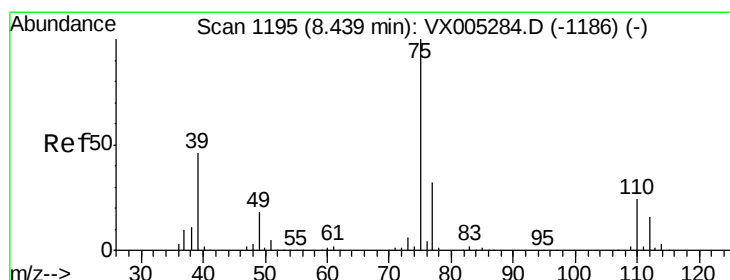
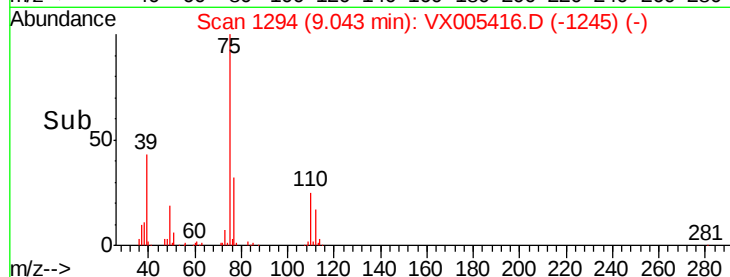
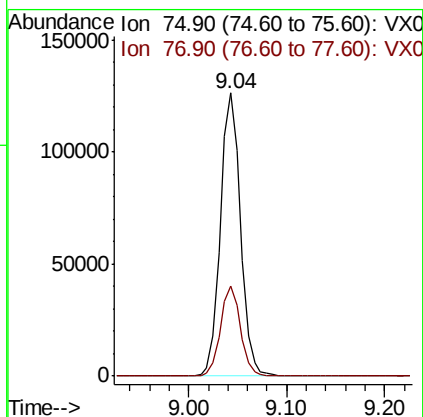
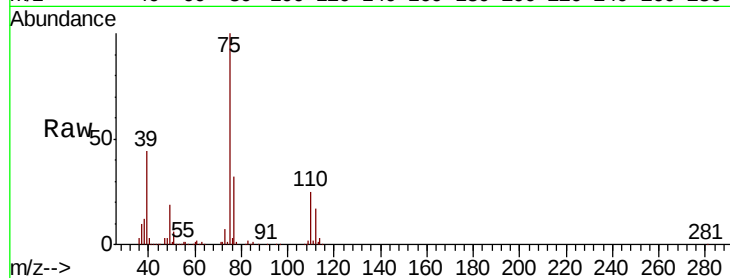
VSTDCCC050EC

Tot Ion: 75 Resp: 180492

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 50.777 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

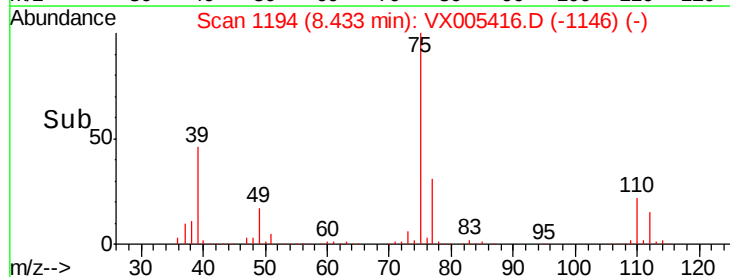
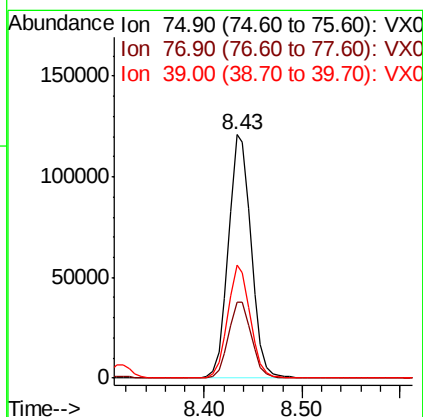
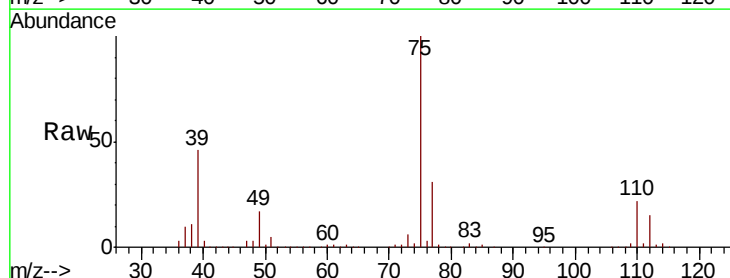
Tgt Ion: 75 Resp: 194750

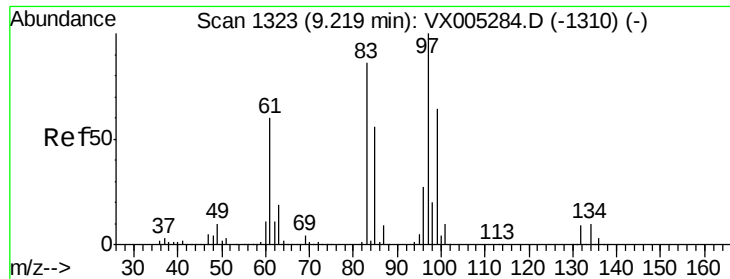
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 46.2 36.4 54.6

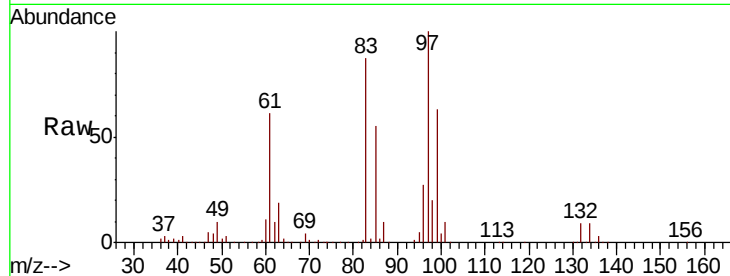




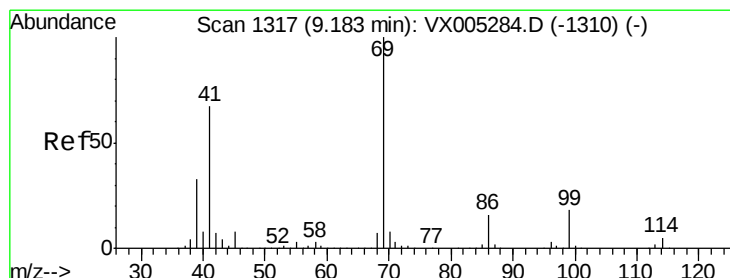
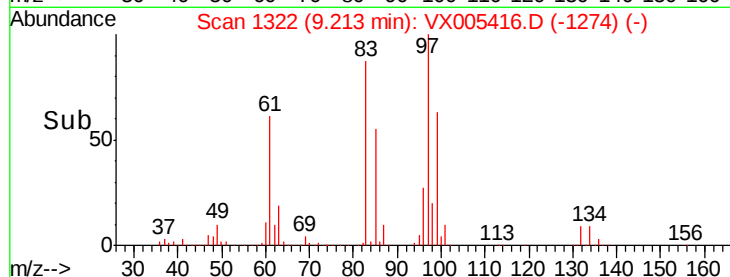
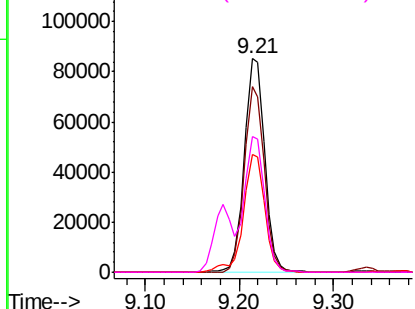
#55
 1,1,2-Trichloroethane
 Concen: 50.998 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	129073
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	55.4	43.3	64.9
99	63.5	49.0	73.4

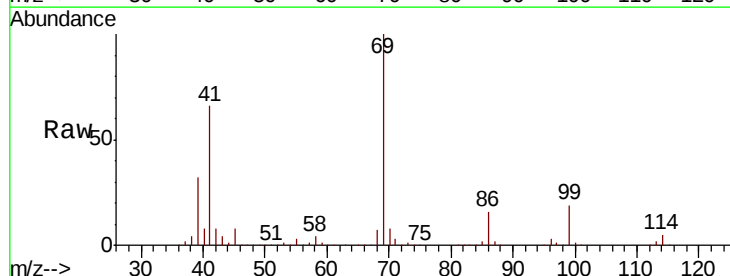


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

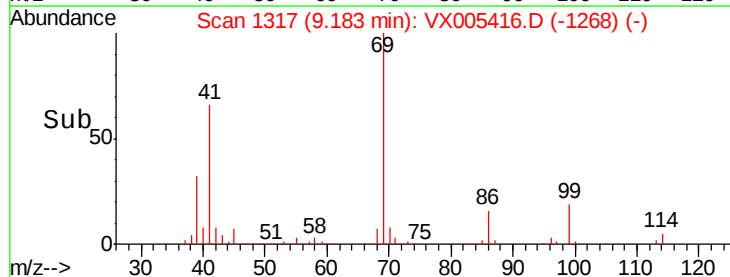
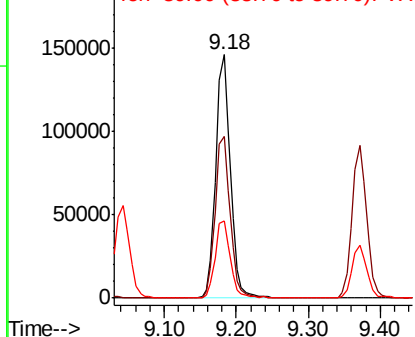


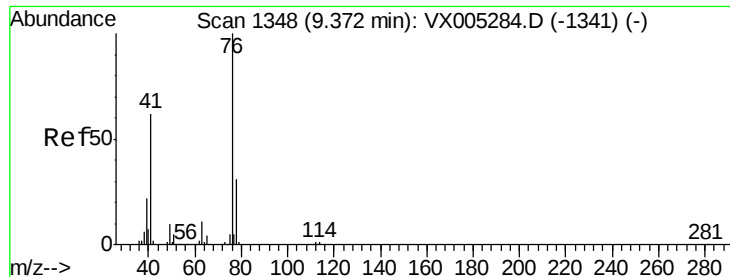
#56
 Ethyl methacrylate
 Concen: 55.572 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion:	69	Resp:	205038
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.4
39	32.8	26.1	39.1



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: 51.584 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

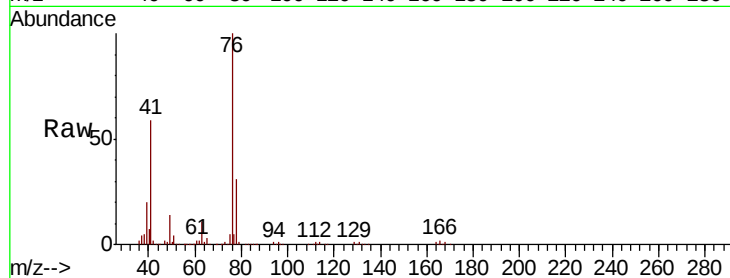
VSTDCCC050EC

Tot Ion: 76 Resp: 217908

Ion Ratio Lower Upper

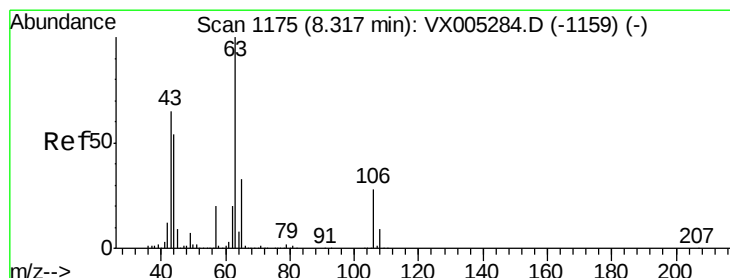
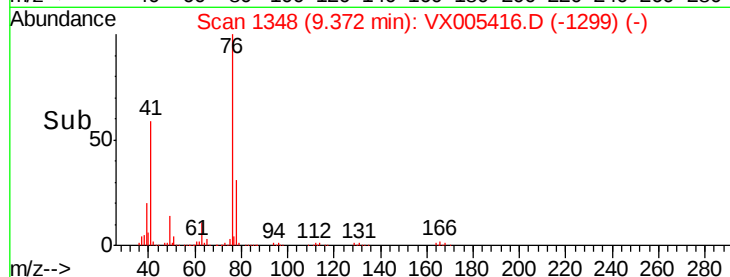
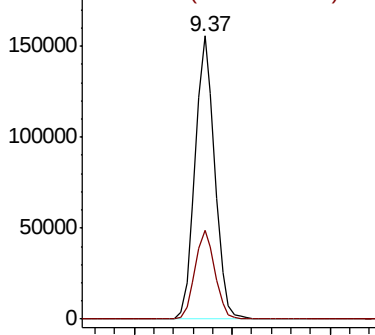
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.482 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005416.D

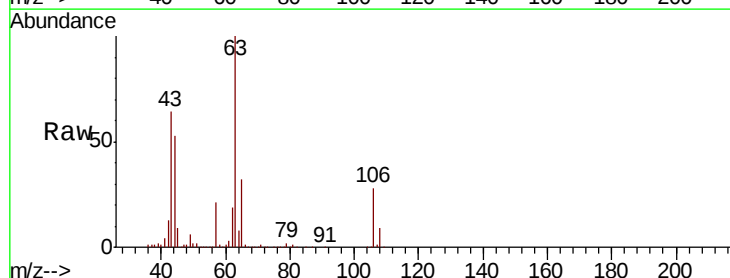
Acq: 18 Oct 2018 03:20

Tgt Ion: 63 Resp: 551402

Ion Ratio Lower Upper

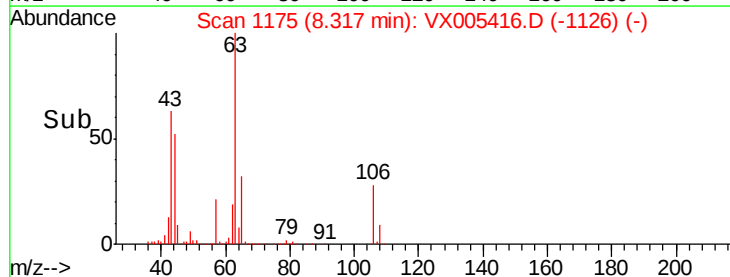
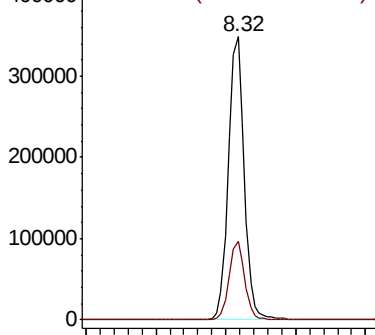
63 100

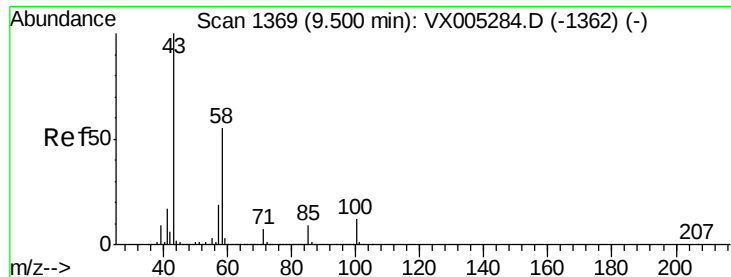
106 27.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

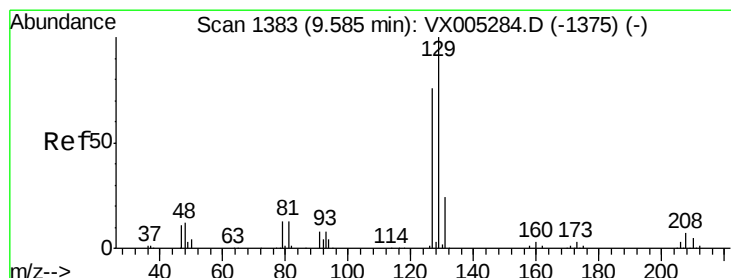
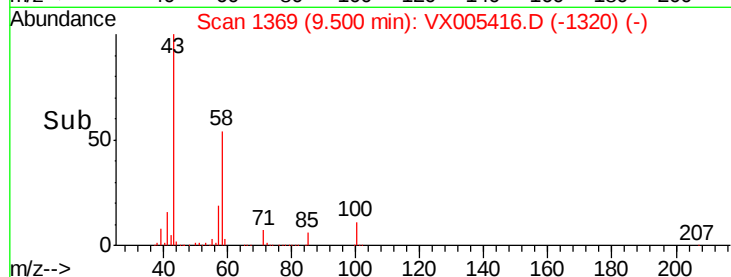
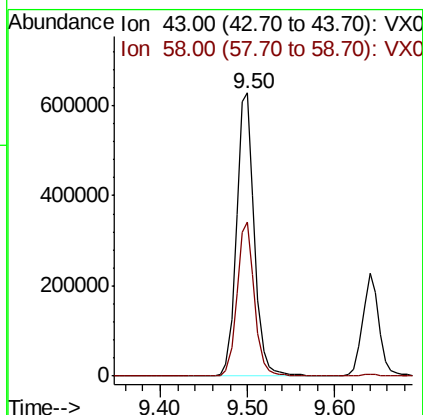
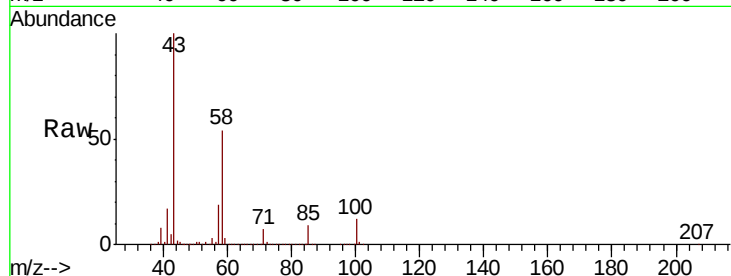




#59
2-Hexanone
Concen: 257.063 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

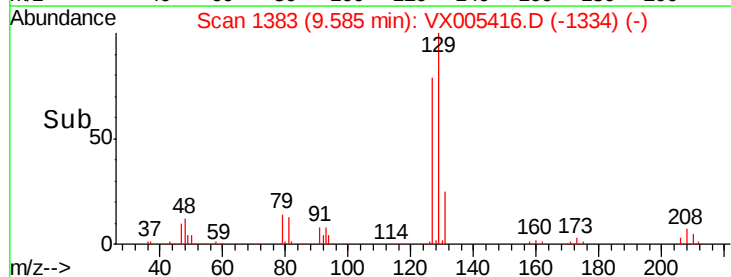
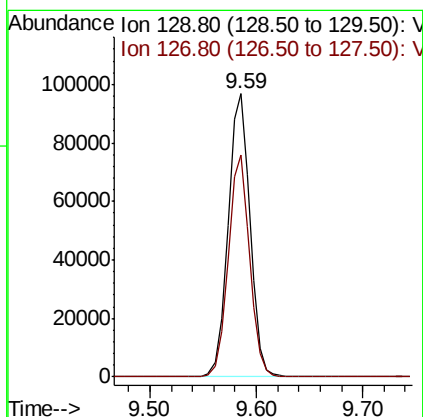
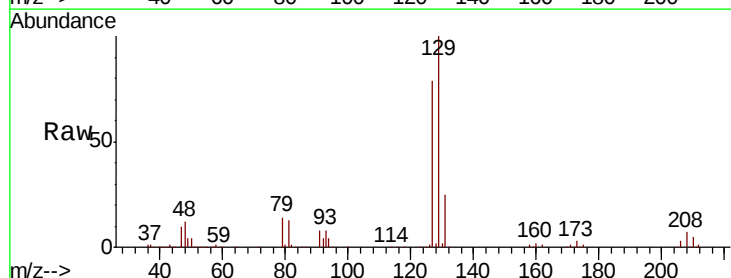
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

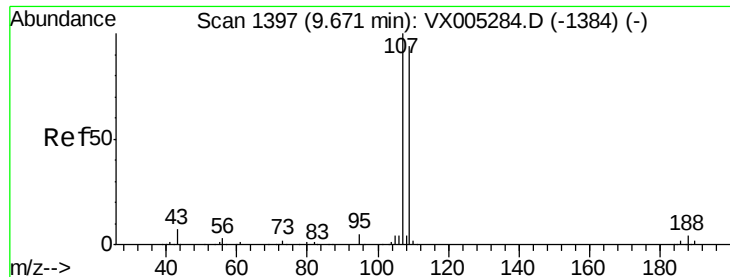
Tot Ion: 43 Resp: 893065
Ion Ratio Lower Upper
43 100
58 53.6 29.0 87.0



#60
Dibromochloromethane
Concen: 53.122 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 129 Resp: 138974
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

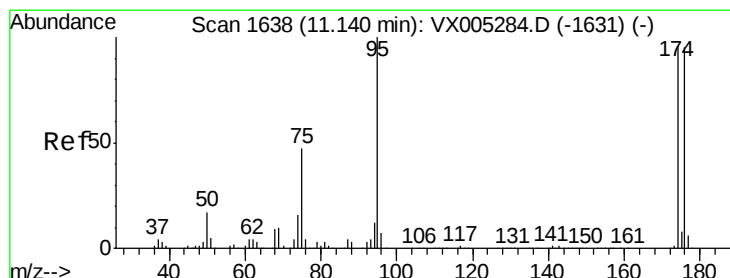
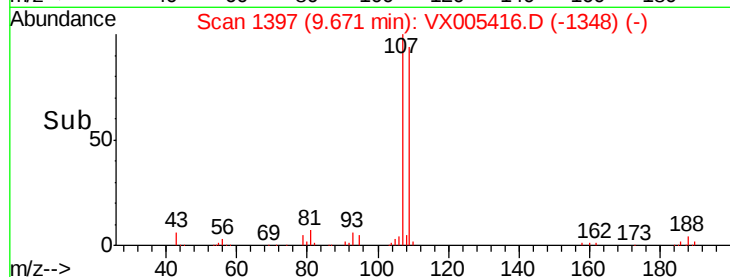
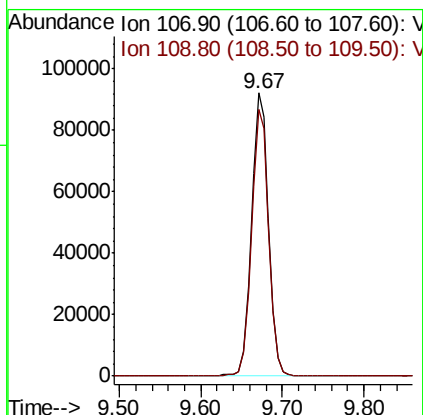
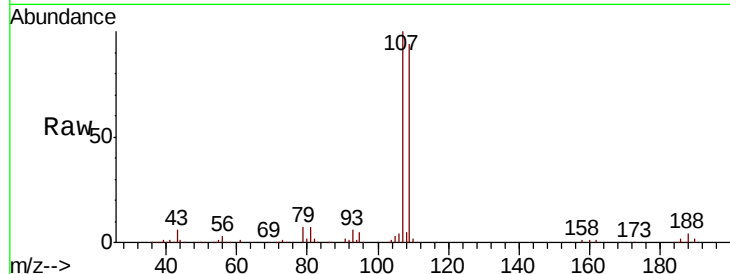




#61
 1,2-Dibromoethane
 Concen: 50.672 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

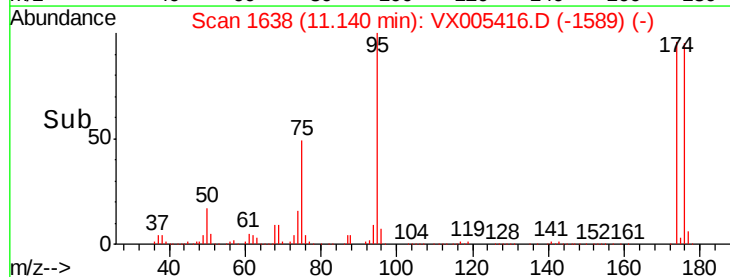
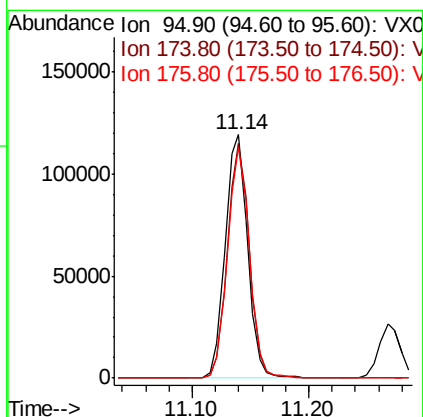
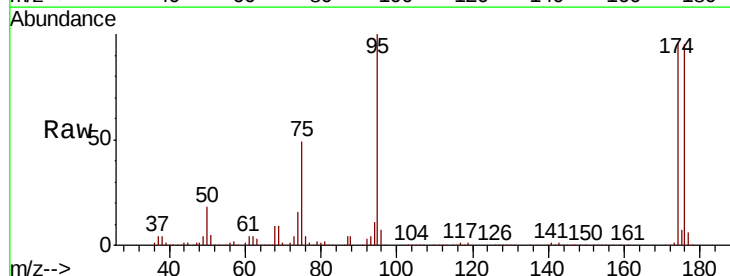
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

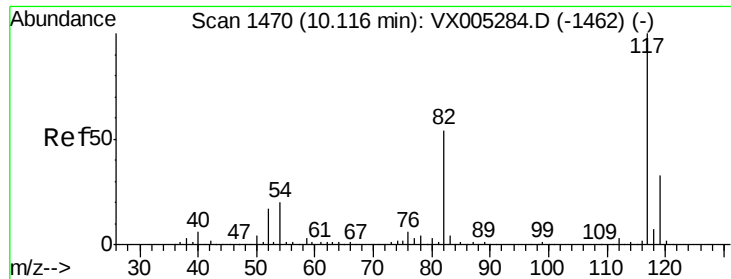
Tot Ion: 107 Resp: 134592
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 49.588 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 95 Resp: 159239
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 185.2
 176 93.0 0.0 178.6

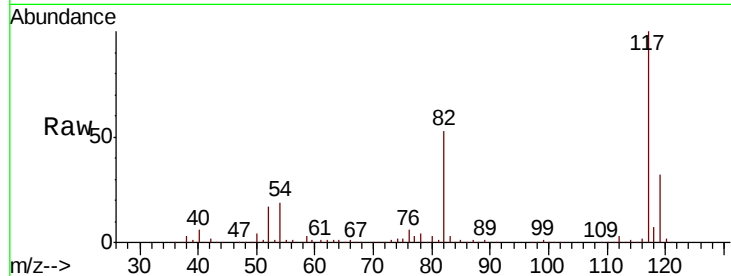




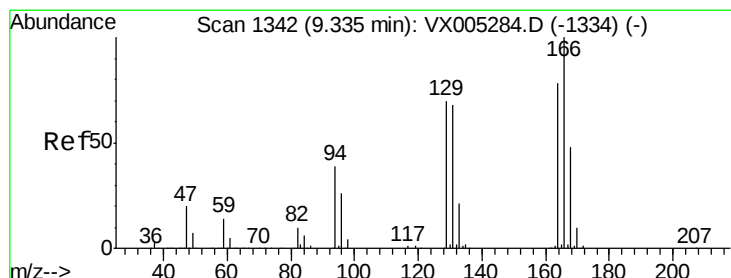
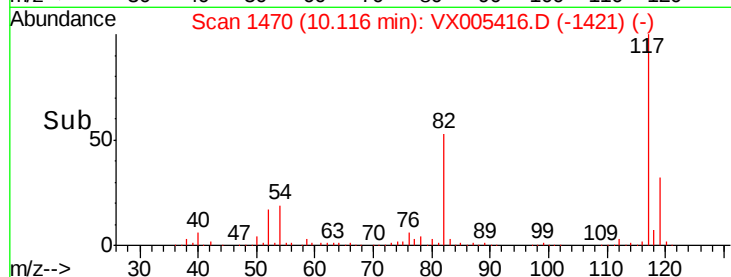
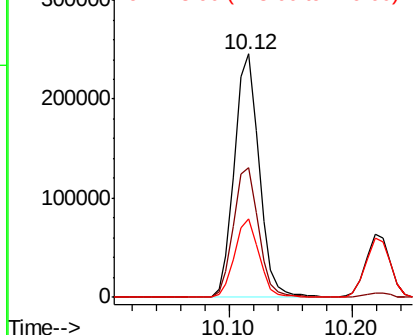
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 343764
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.3 29.3 43.9

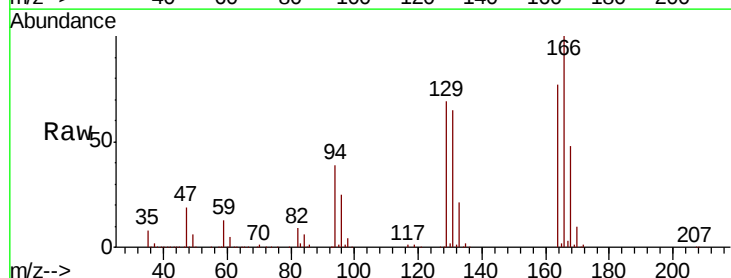


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

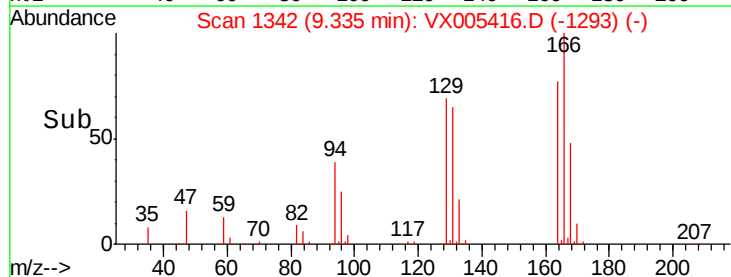
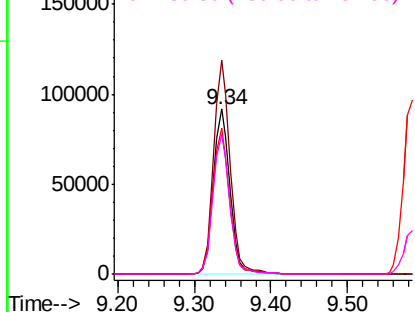


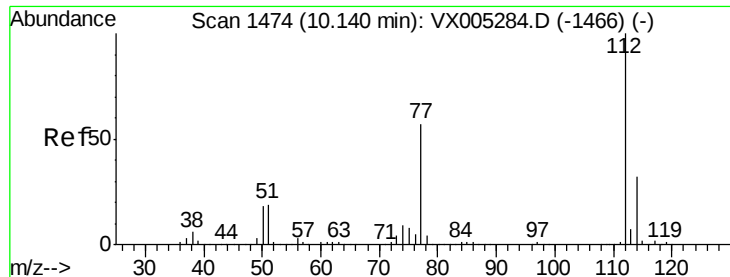
#64
Tetrachloroethene
Concen: 50.155 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion:164 Resp: 138802
Ion Ratio Lower Upper
164 100
166 129.6 102.8 154.2
129 88.8 69.4 104.0
131 84.5 67.9 101.9



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

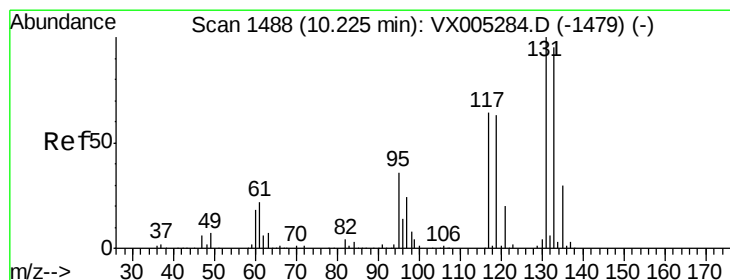
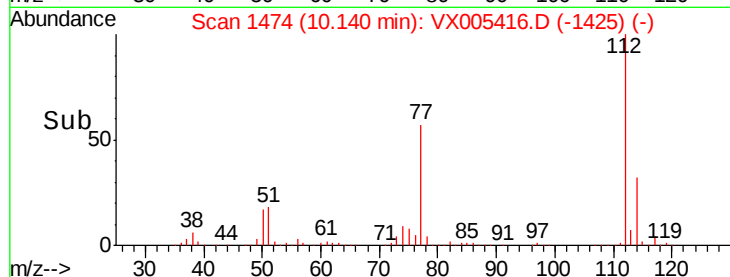
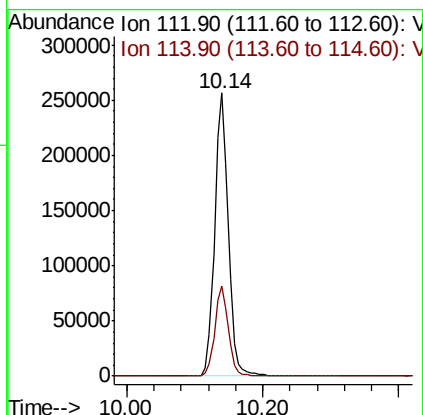
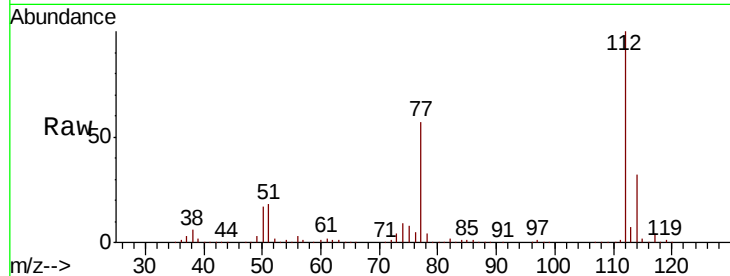




#65
Chlorobenzene
Concen: 48.689 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

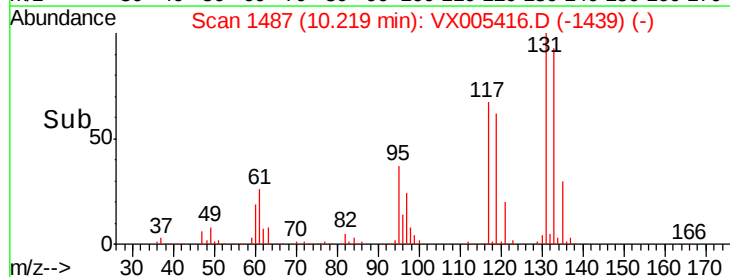
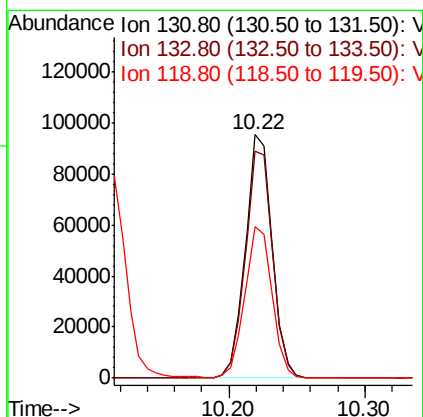
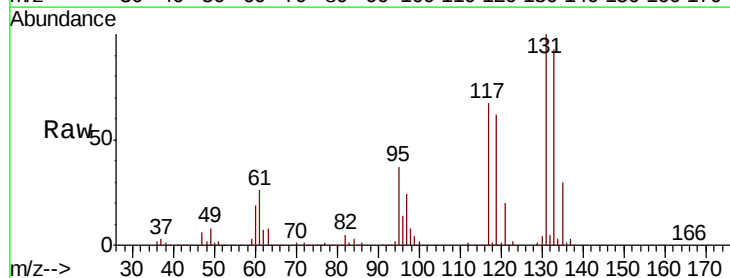
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

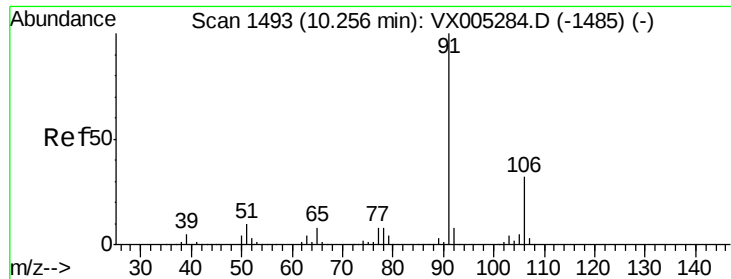
Tot Ion:112 Resp: 356029
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.307 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion:131 Resp: 131091
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 63.8 32.9 98.6

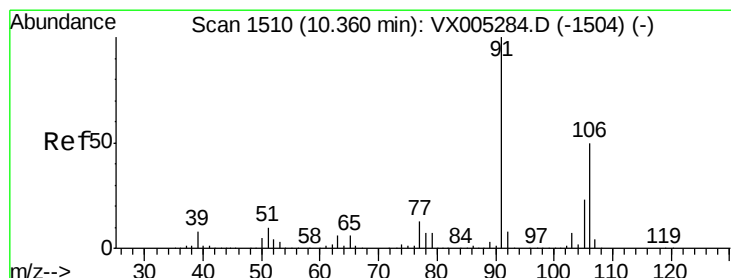
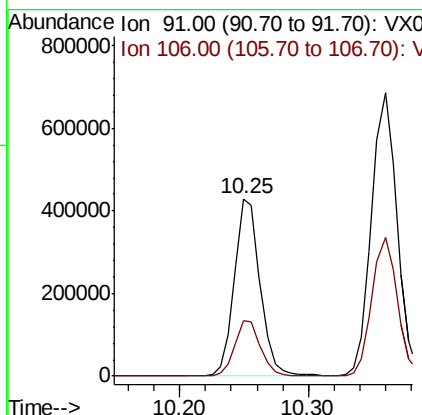
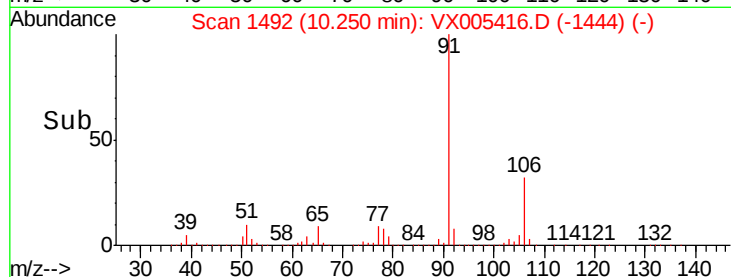
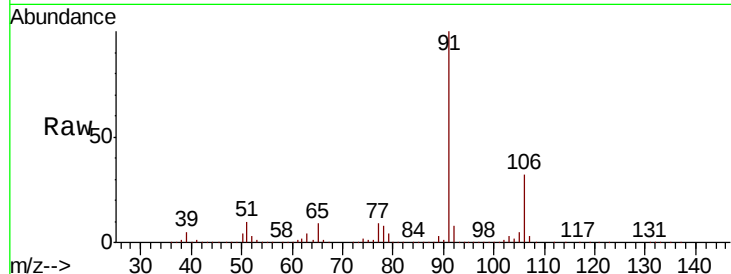




#67
Ethyl Benzene
Concen: 50.559 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

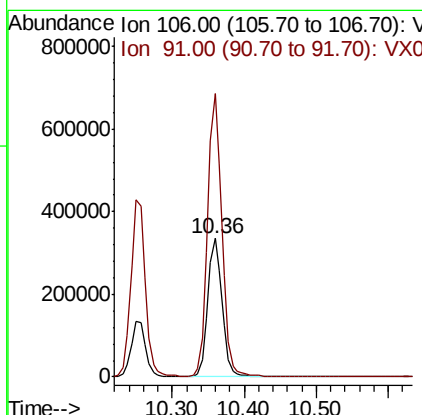
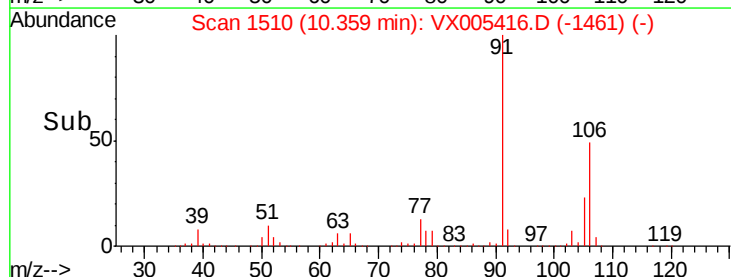
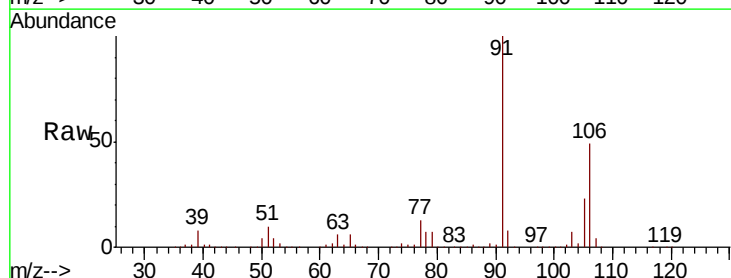
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

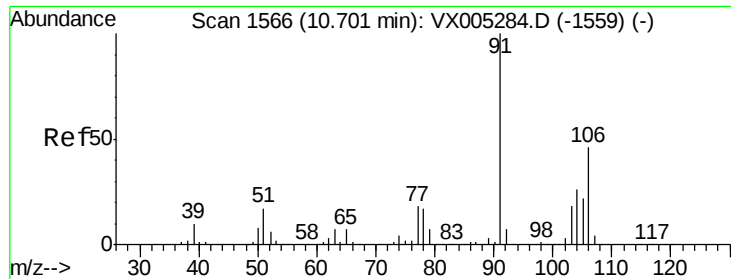
Tot Ion: 91 Resp: 601014
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 100.848 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 106 Resp: 465301
Ion Ratio Lower Upper
106 100
91 204.4 157.1 235.7

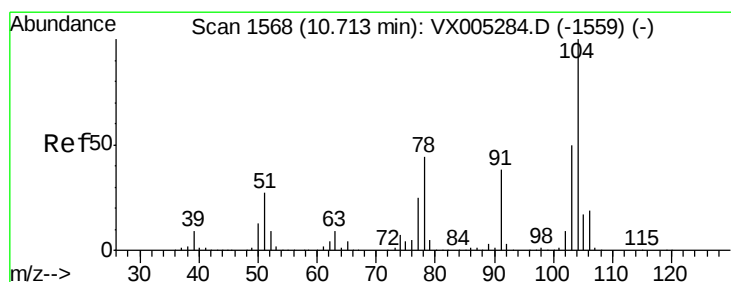
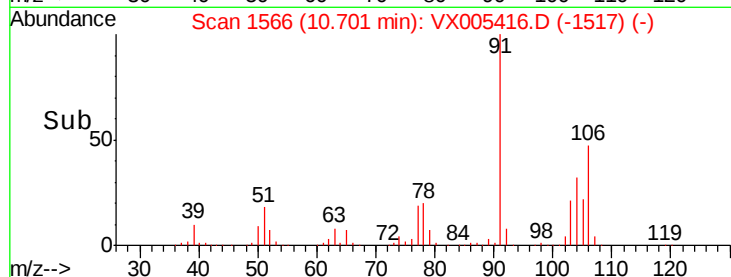
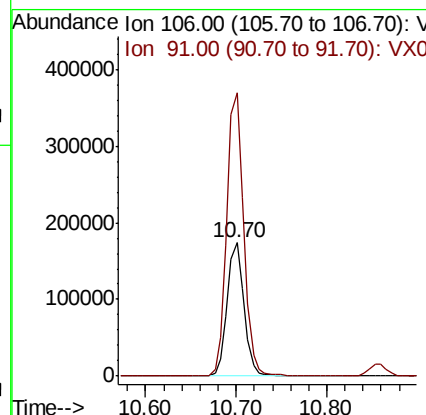
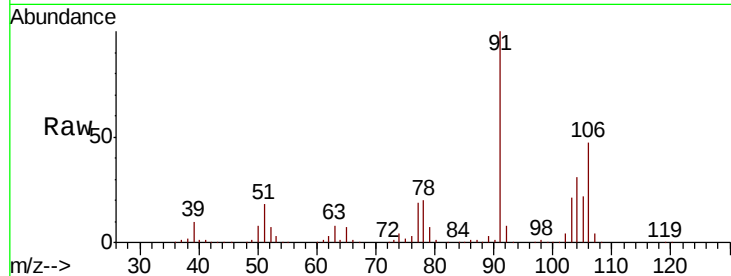




#69
o-Xylene
Concen: 50.931 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

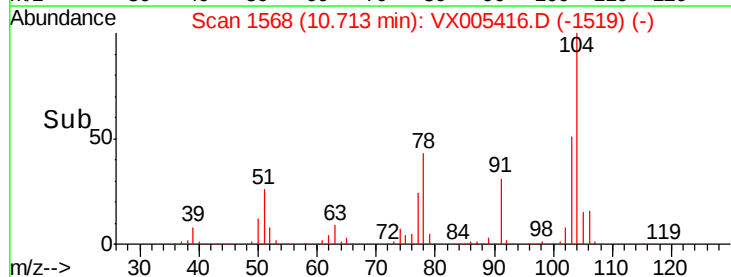
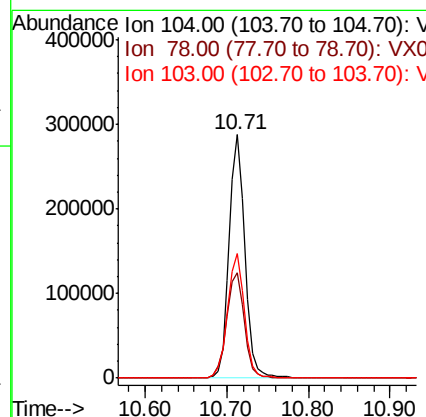
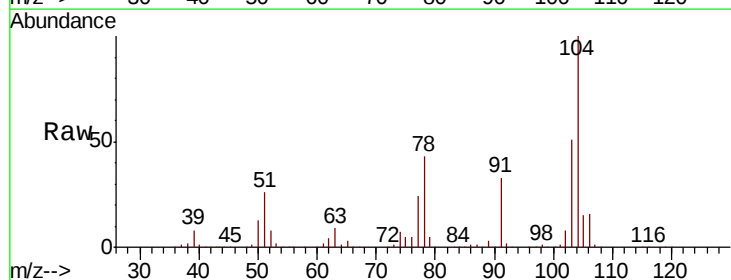
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

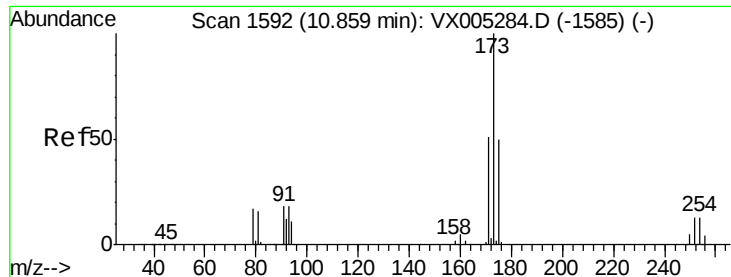
Tot Ion:106 Resp: 226633
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1



#70
Styrene
Concen: 52.537 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion:104 Resp: 384523
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.243 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

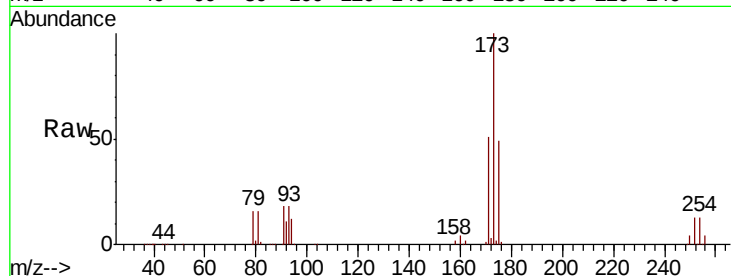
Tot Ion:173 Resp: 119325

Ion Ratio Lower Upper

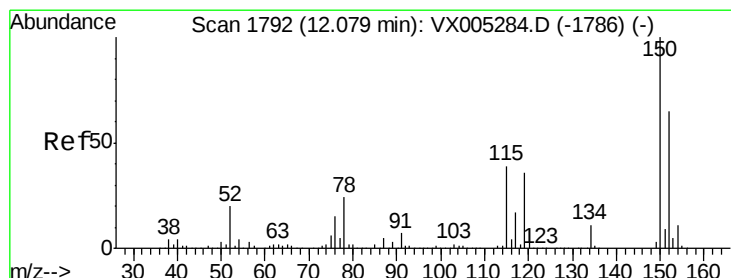
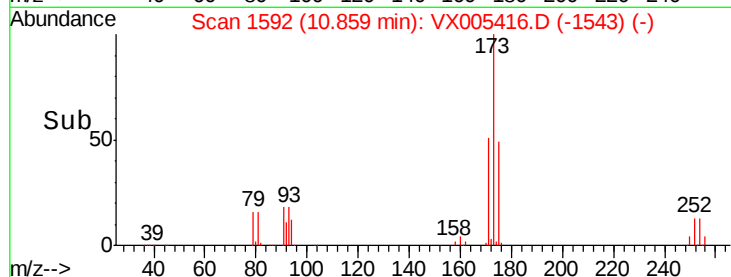
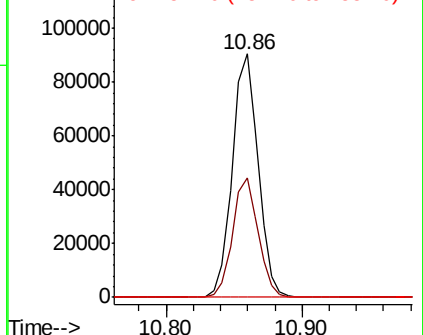
173 100

175 48.7 24.1 72.3

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

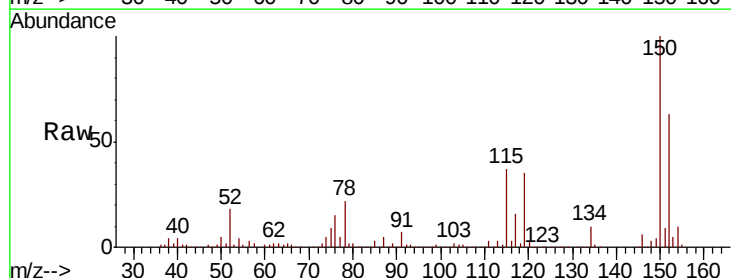
Tgt Ion:152 Resp: 196026

Ion Ratio Lower Upper

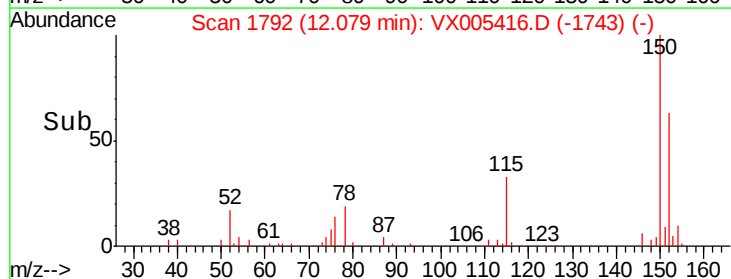
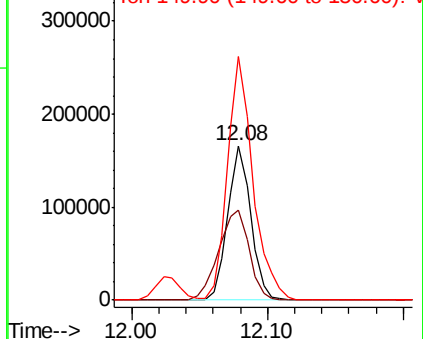
152 100

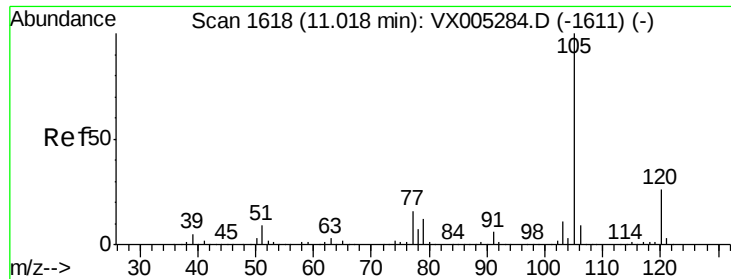
115 76.1 39.0 117.0

150 174.1 0.0 351.0



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: 52.833 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

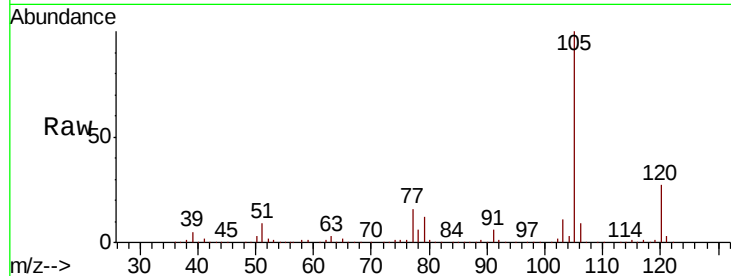
VSTDCCC050EC

Tot Ion:105 Resp: 615677

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

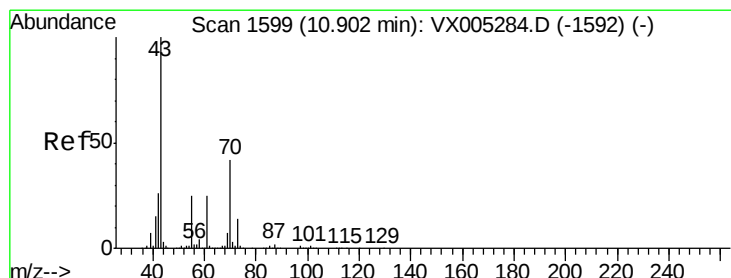
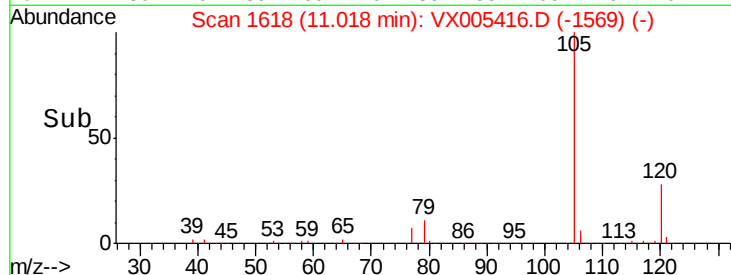
200000

100000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 52.602 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion: 43 Resp: 295653

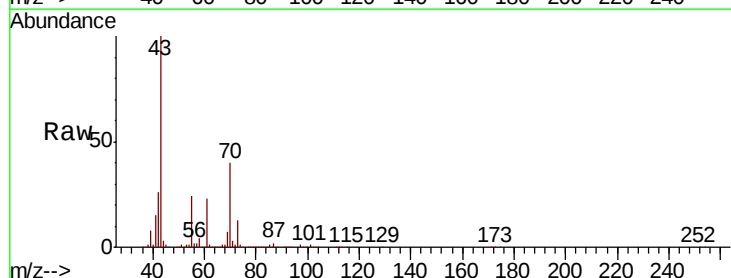
Ion Ratio Lower Upper

43 100

70 41.2 37.4 56.0

55 24.9 21.8 32.8

61 23.9 20.6 30.8



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

10.90

300000

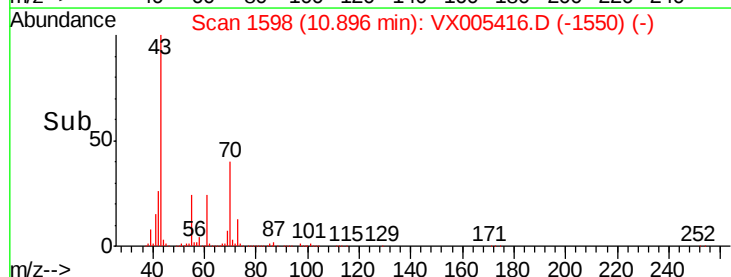
200000

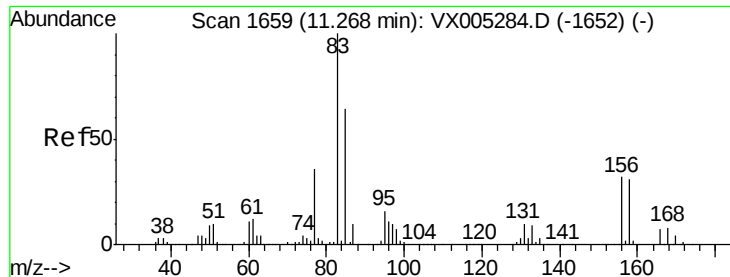
100000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.746 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

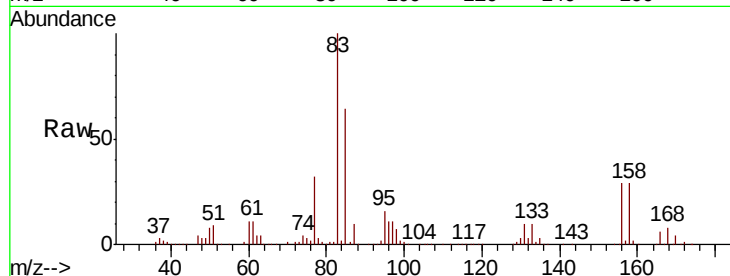
Tot Ion: 83 Resp: 214285

Ion Ratio Lower Upper

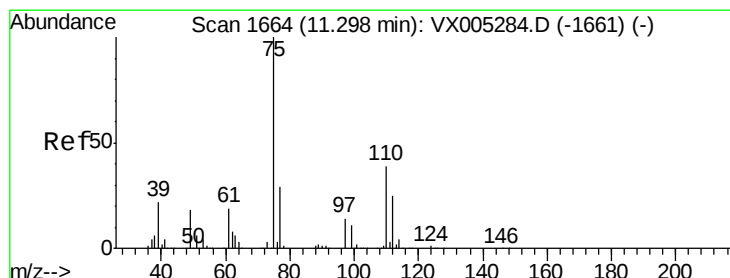
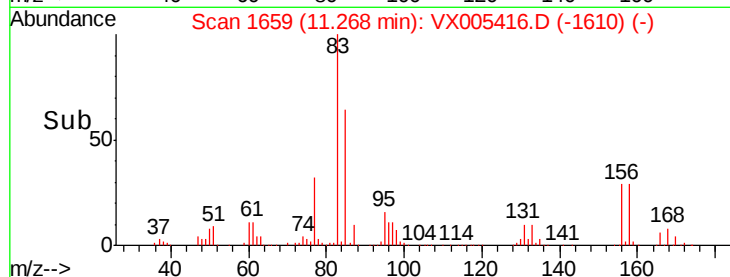
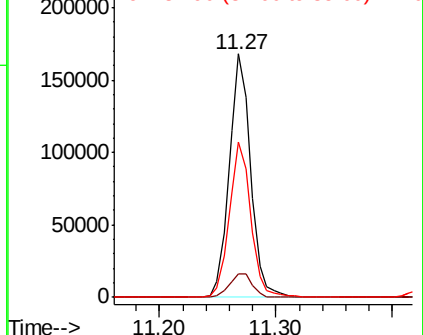
83 100

131 10.5 5.2 15.6

85 64.4 32.3 96.8



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: 64.856 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005416.D

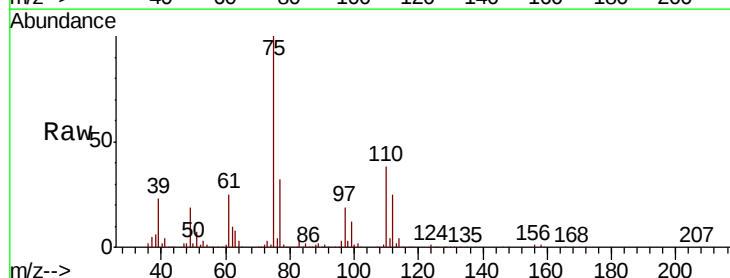
Acq: 18 Oct 2018 03:20

Tgt Ion: 75 Resp: 246605

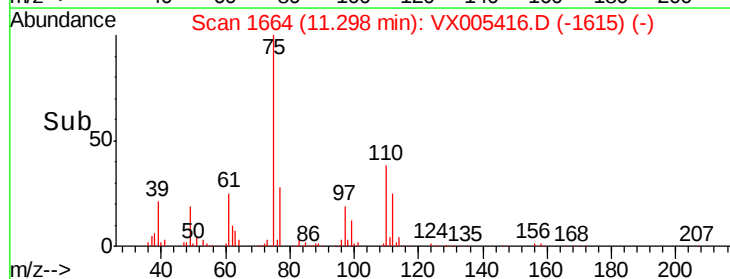
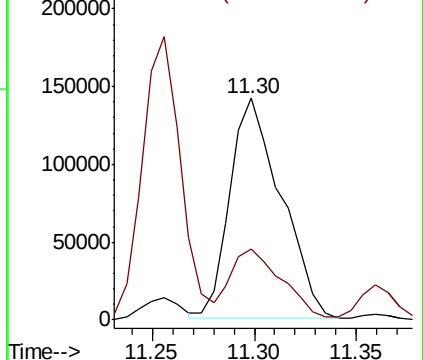
Ion Ratio Lower Upper

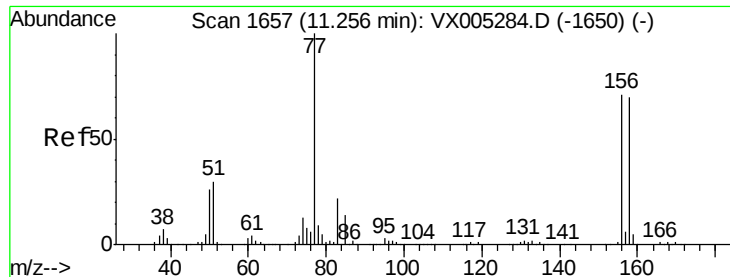
75 100

77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.495 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

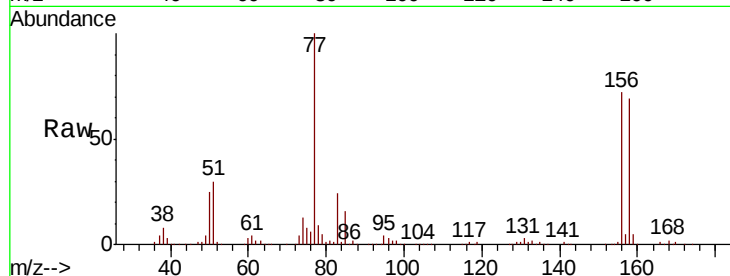
Tot Ion:156 Resp: 168247

Ion Ratio Lower Upper

156 100

77 142.4 71.5 214.3

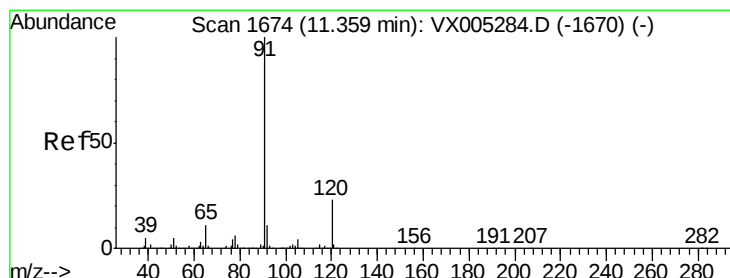
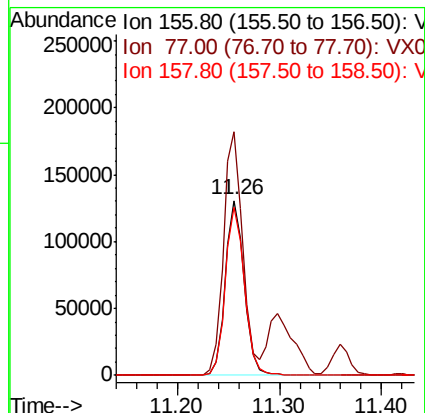
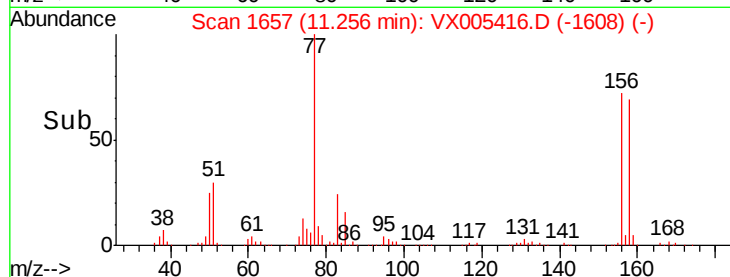
158 98.0 48.9 146.8



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: 52.443 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005416.D

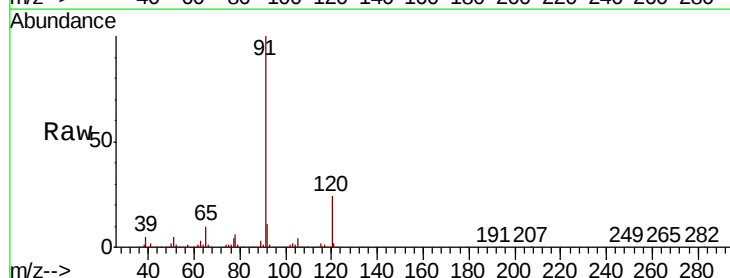
Acq: 18 Oct 2018 03:20

Tgt Ion: 91 Resp: 703251

Ion Ratio Lower Upper

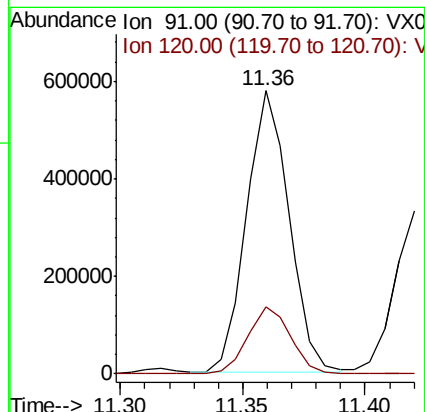
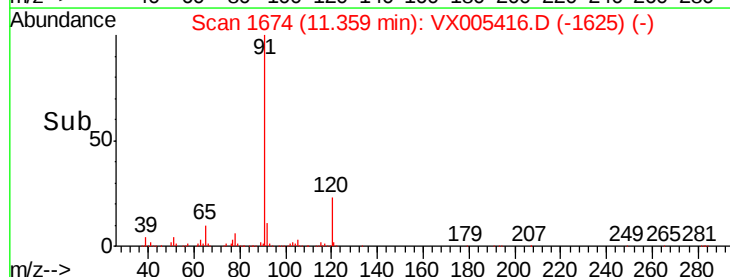
91 100

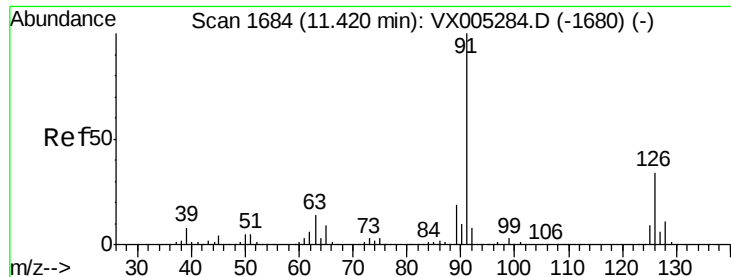
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

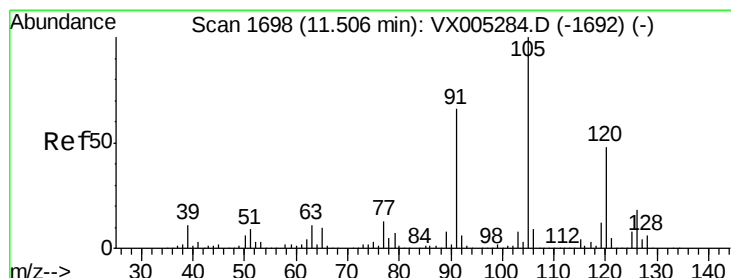
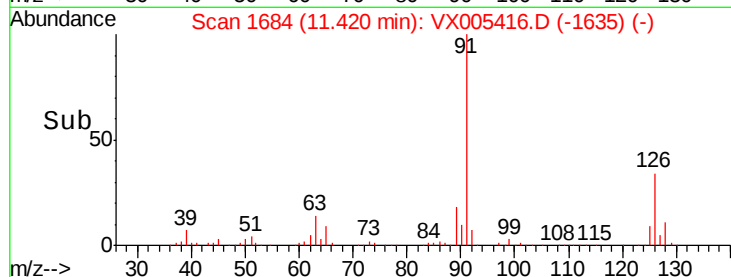
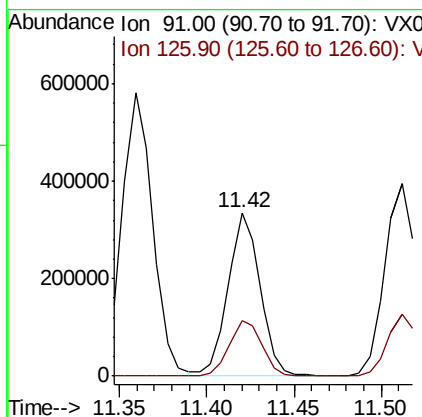
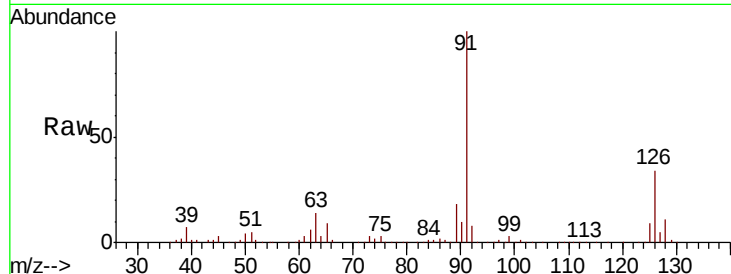




#79
 2-Chlorotoluene
 Concen: 51.326 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

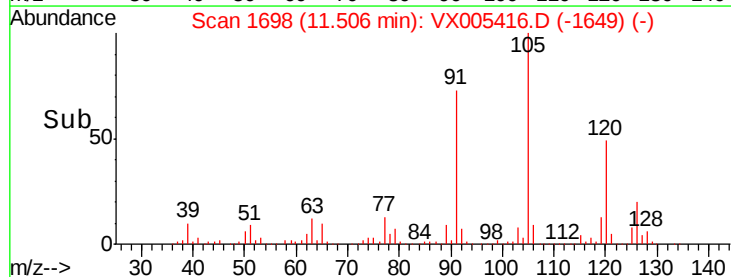
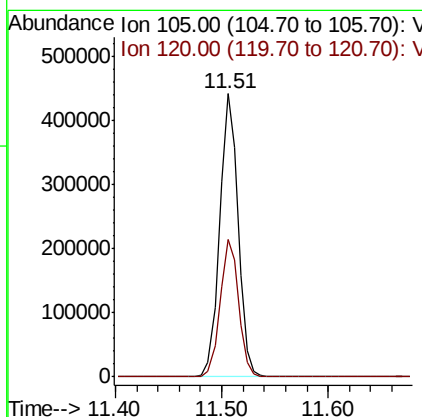
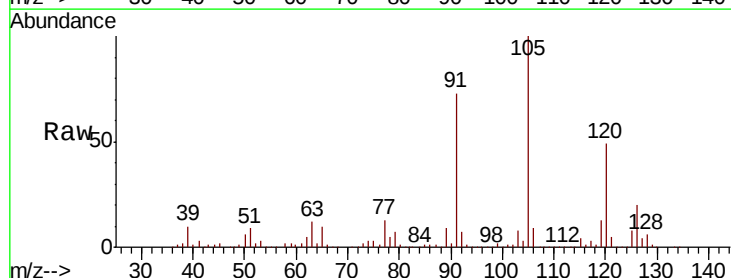
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

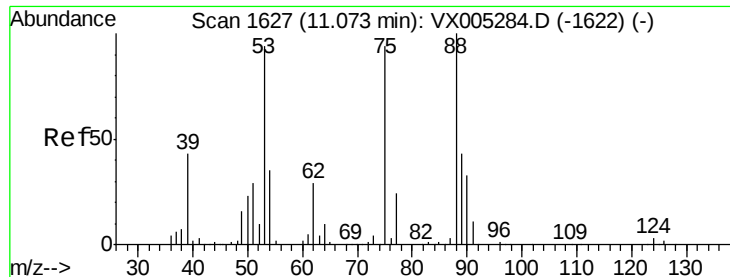
Tot Ion: 91 Resp: 421522
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.195 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 105 Resp: 530841
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.005 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

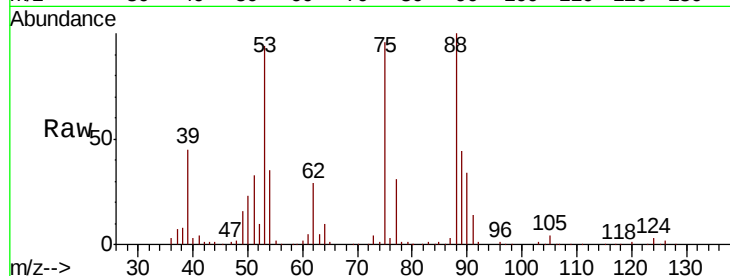
Tot Ion: 75 Resp: 57570

Ion Ratio Lower Upper

75 100

53 96.7 80.1 120.1

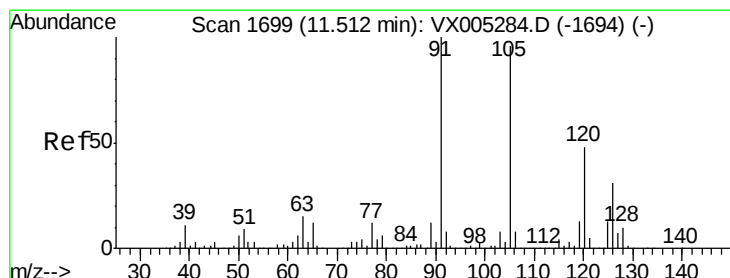
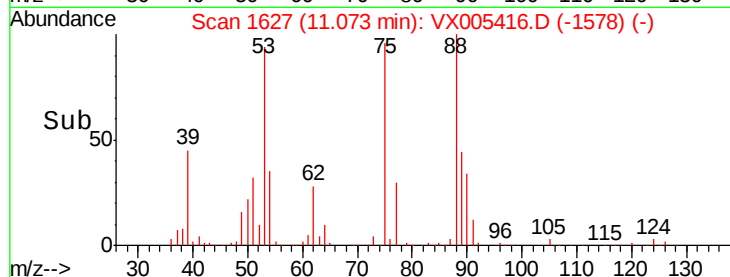
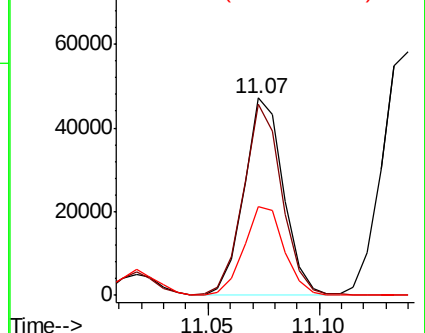
89 46.5 37.2 55.8



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: 51.307 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005416.D

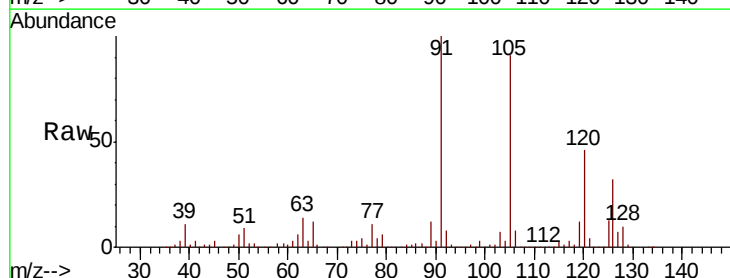
Acq: 18 Oct 2018 03:20

Tgt Ion: 91 Resp: 499492

Ion Ratio Lower Upper

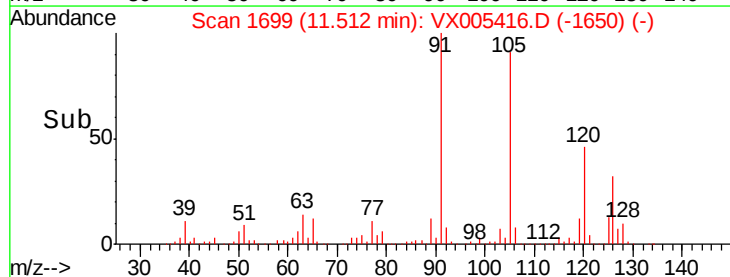
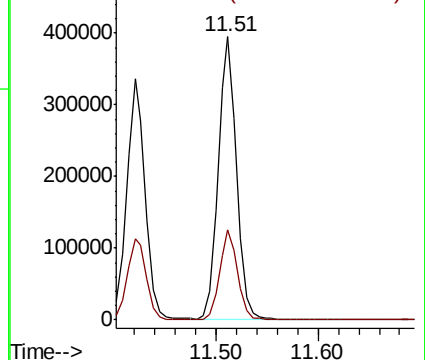
91 100

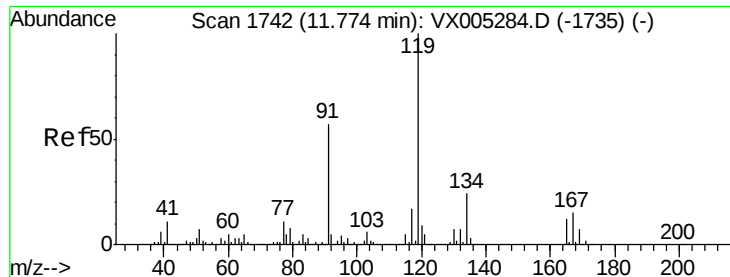
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.445 ug/l

RT: 11.77 min Scan# 1742

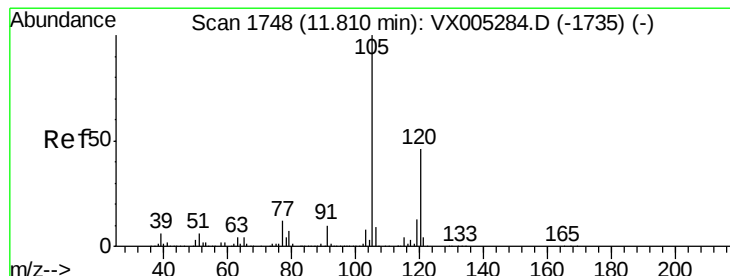
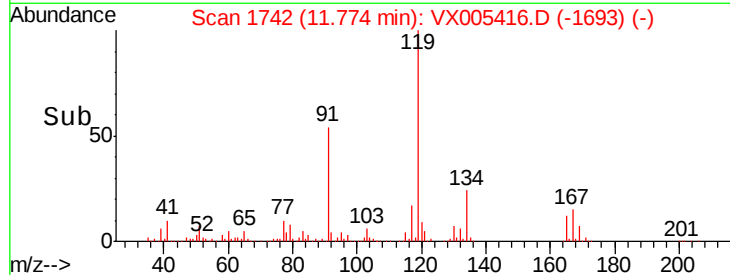
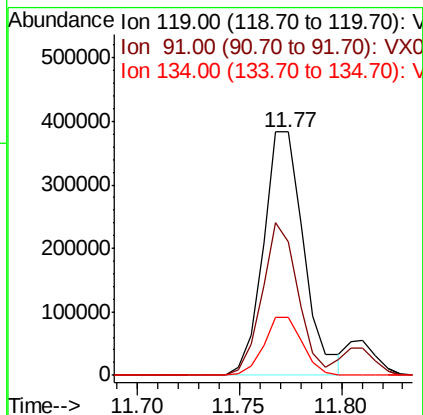
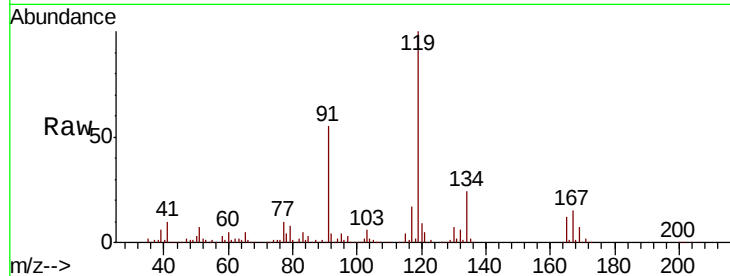
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	119	Resp:	529976
Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.0	81.0
134	22.9	11.7	35.1



#84

1,2,4-Trimethylbenzene

Concen: 53.259 ug/l

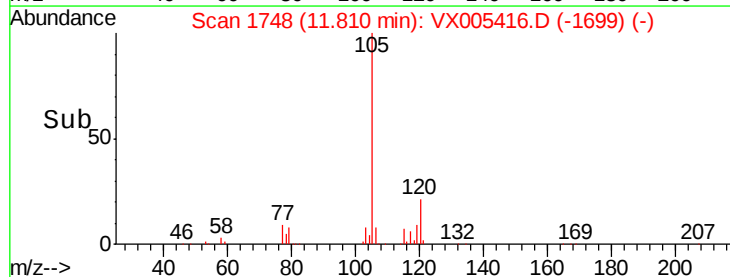
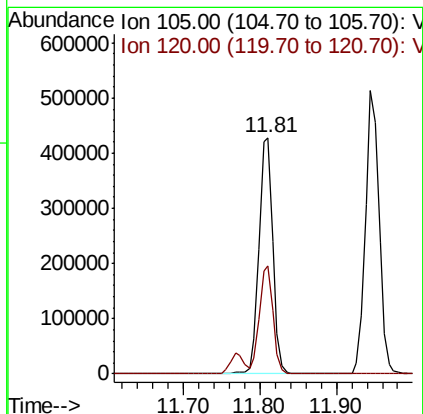
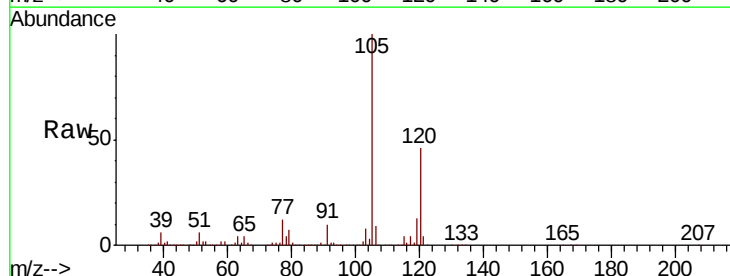
RT: 11.81 min Scan# 1748

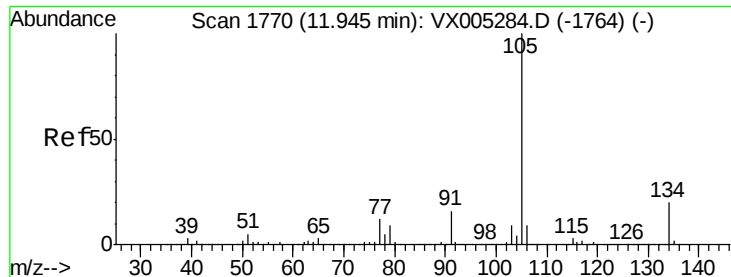
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	105	Resp:	546940
Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.311 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

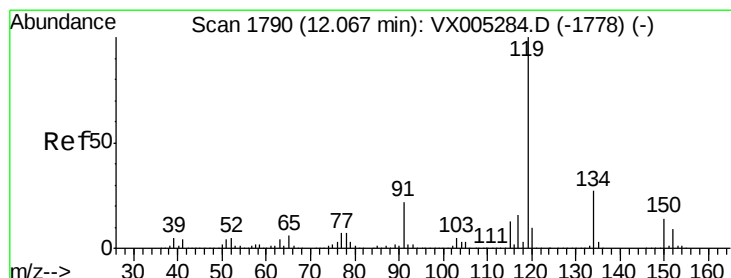
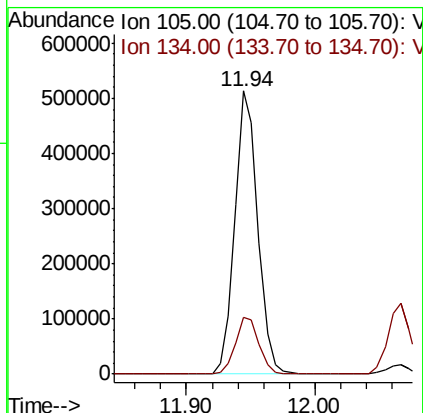
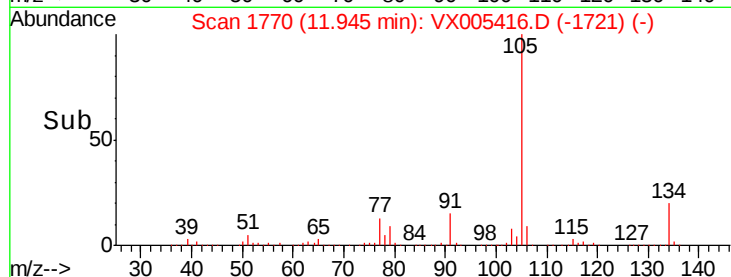
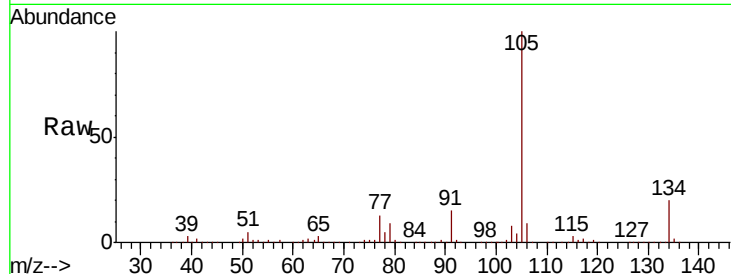
VSTDCCC050EC

Tot Ion:105 Resp: 637538

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 52.846 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

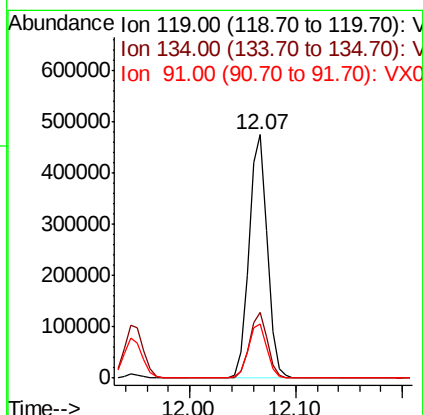
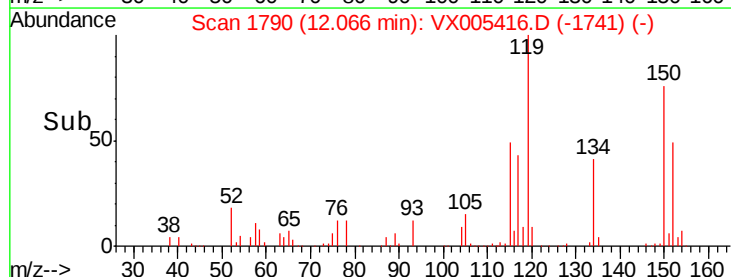
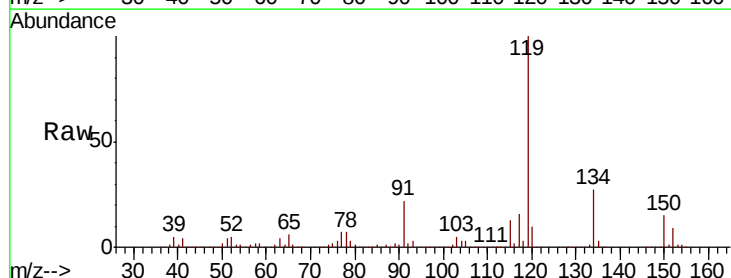
Tgt Ion:119 Resp: 571209

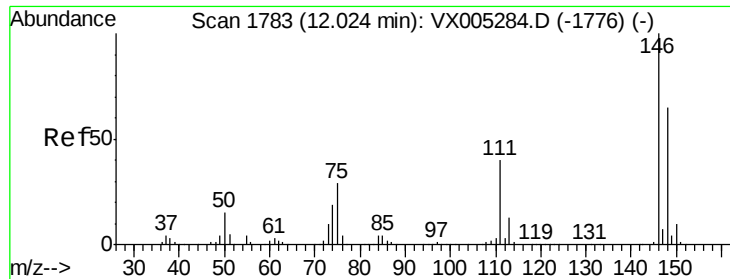
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.8 10.9 32.7

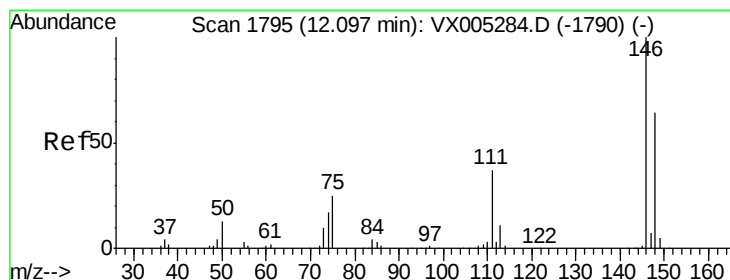
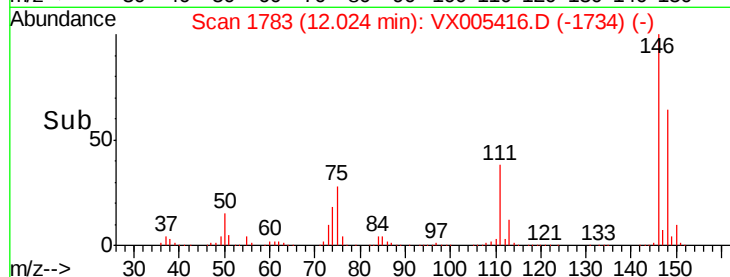
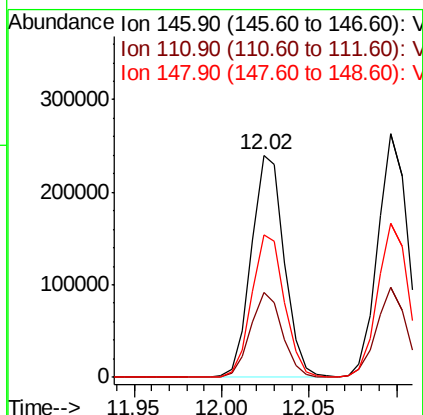
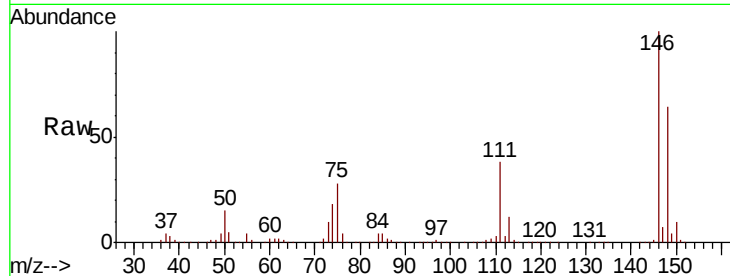




#87
 1,3-Dichlorobenzene
 Concen: 50.524 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

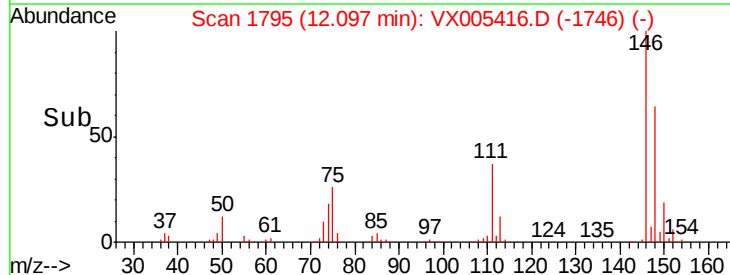
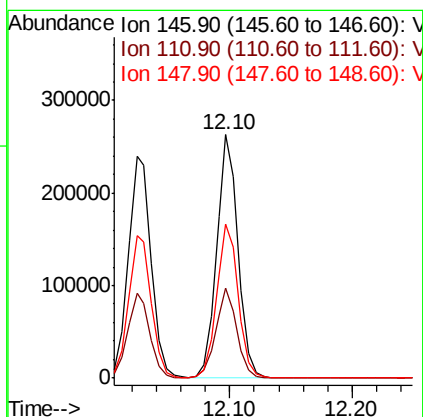
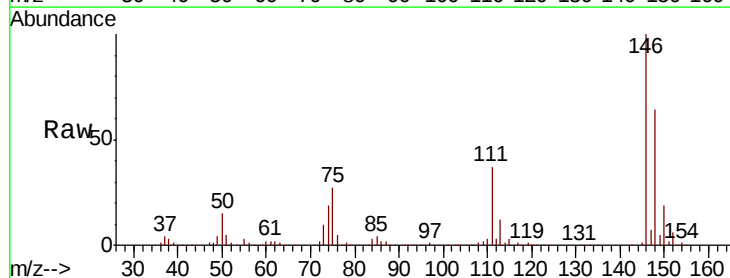
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

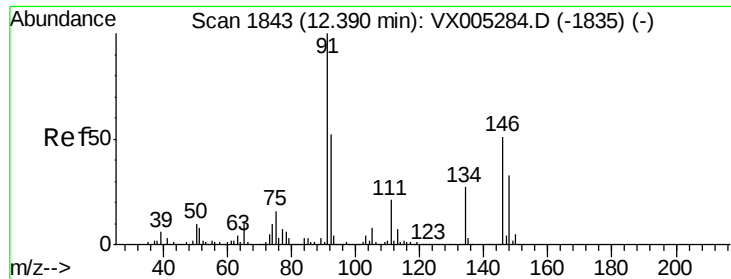
Tot Ion:146 Resp: 314571
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.128 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion:146 Resp: 319285
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.2 32.0 96.0

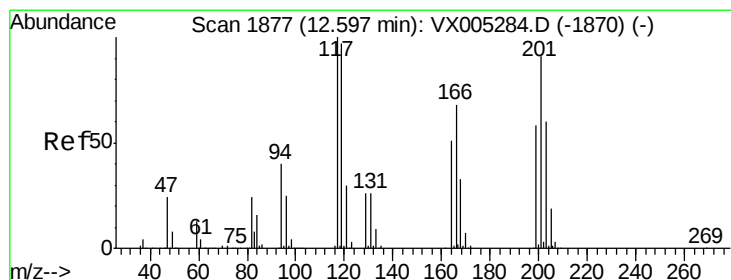
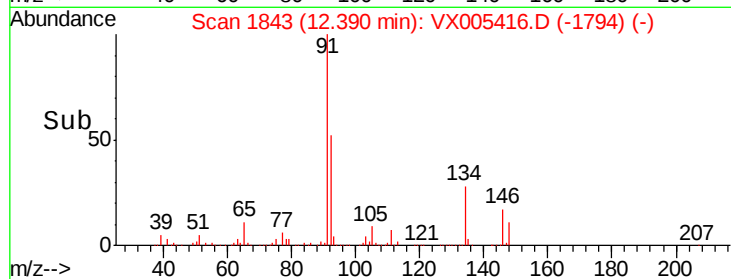
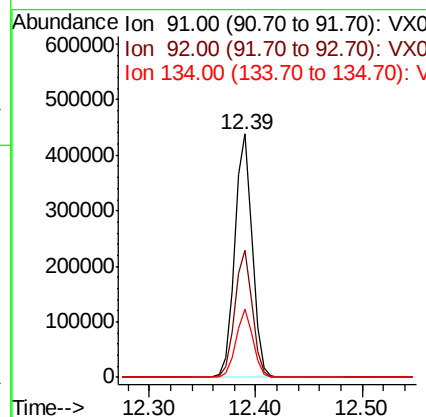
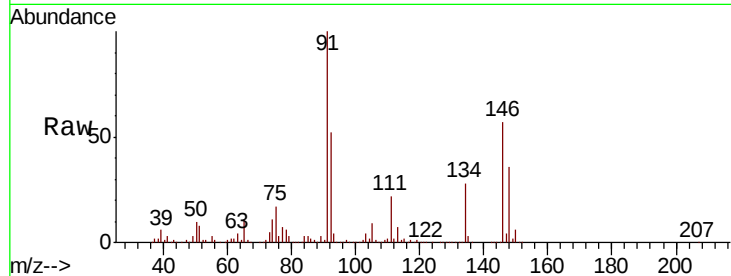




#89
n-Butylbenzene
Concen: 51.527 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

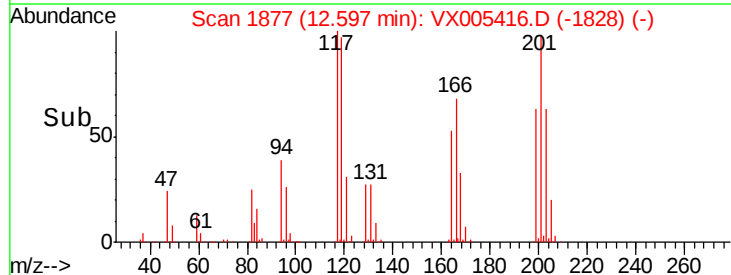
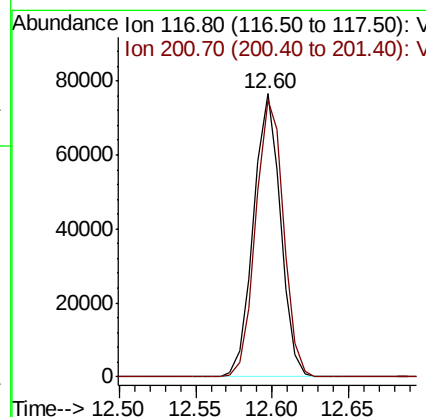
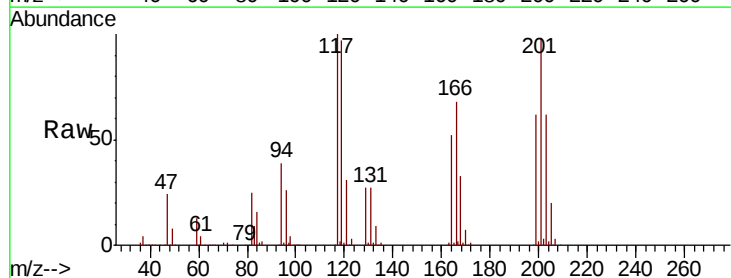
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

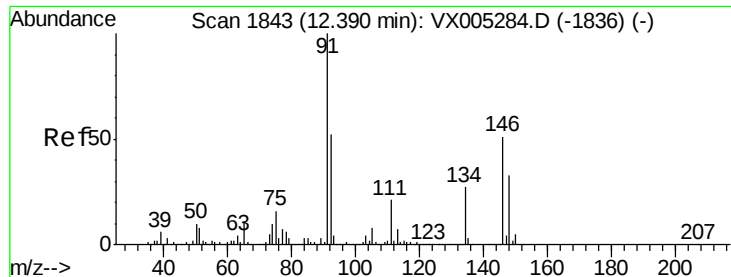
Tot Ion: 91 Resp: 505698
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 50.429 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 117 Resp: 93940
Ion Ratio Lower Upper
117 100
201 100.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 50.074 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

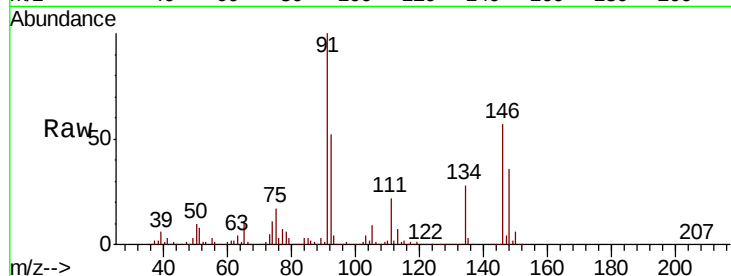
Tot Ion:146 Resp: 318151

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

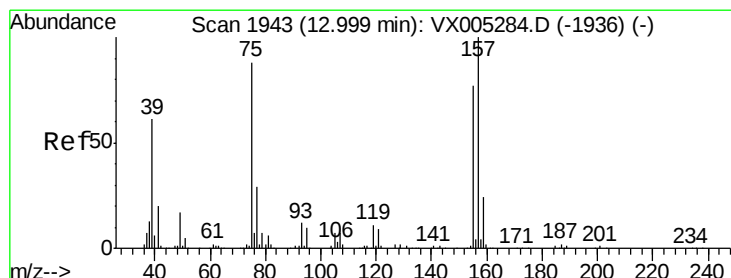
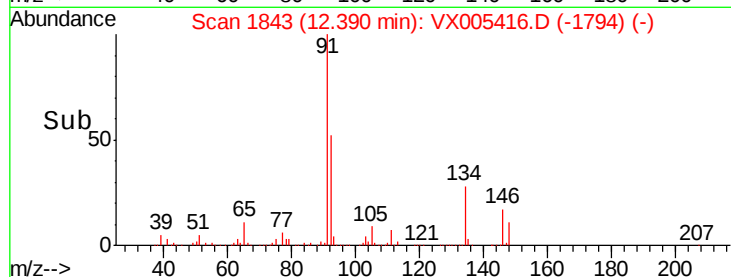
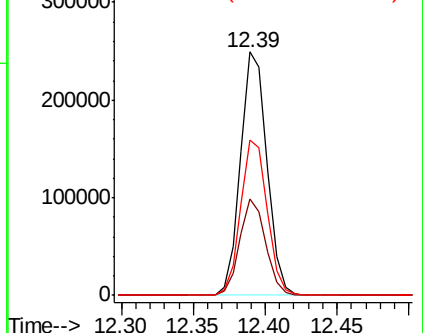
148 64.2 32.8 98.3



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: 48.548 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

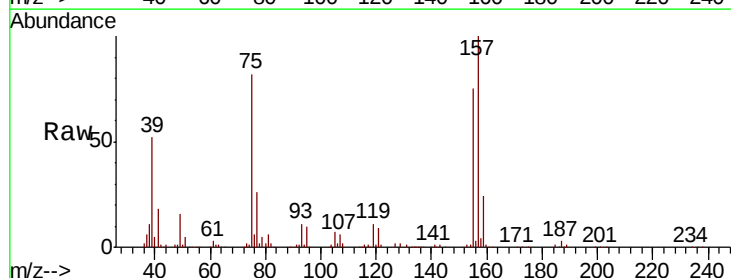
Tgt Ion: 75 Resp: 52058

Ion Ratio Lower Upper

75 100

155 94.3 48.0 144.2

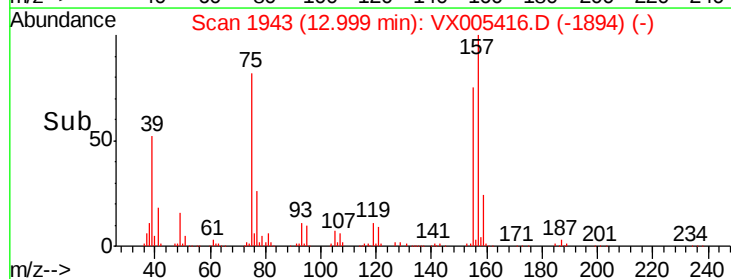
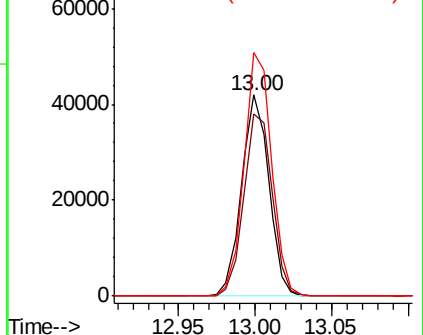
157 122.2 61.4 184.1

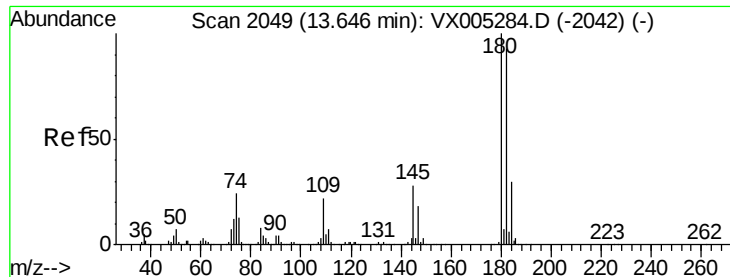


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

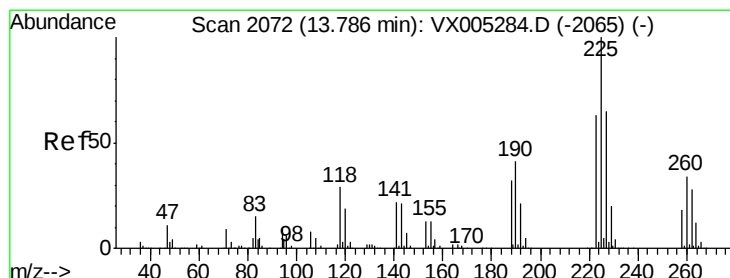
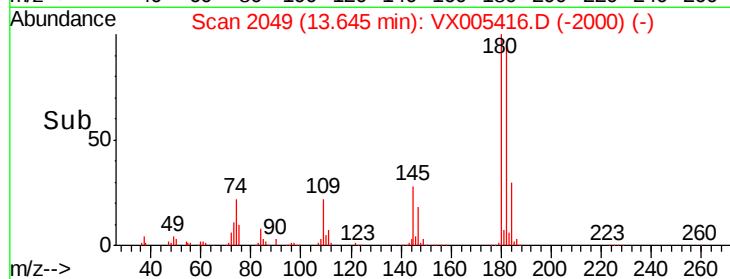
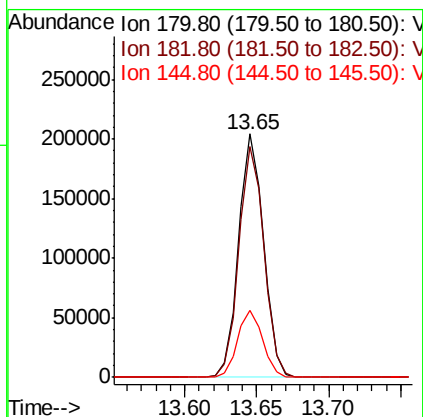
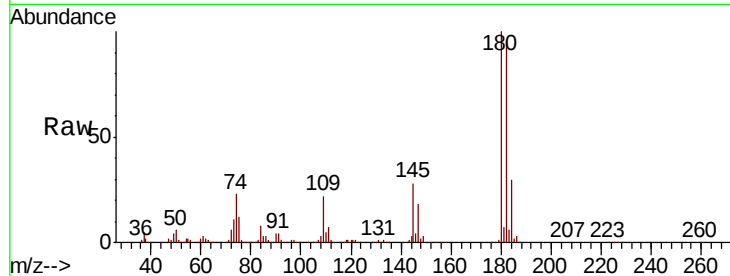




#93
 1,2,4-Trichlorobenzene
 Concen: 52.792 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

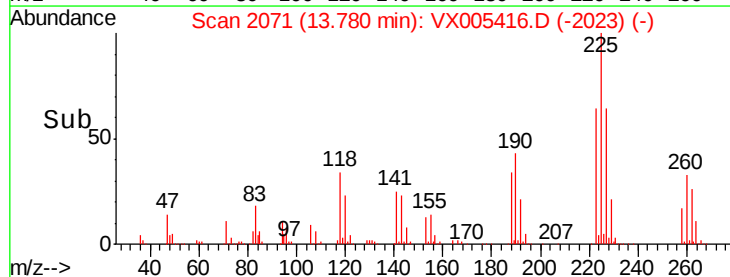
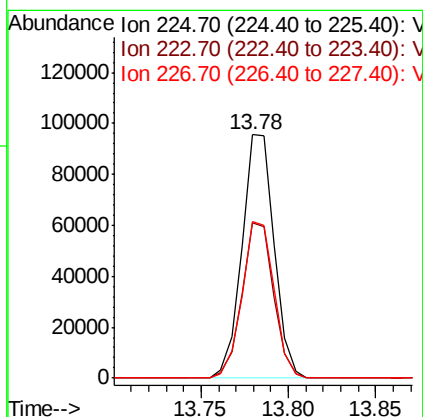
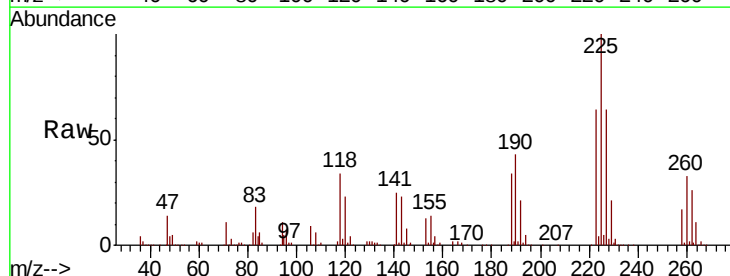
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

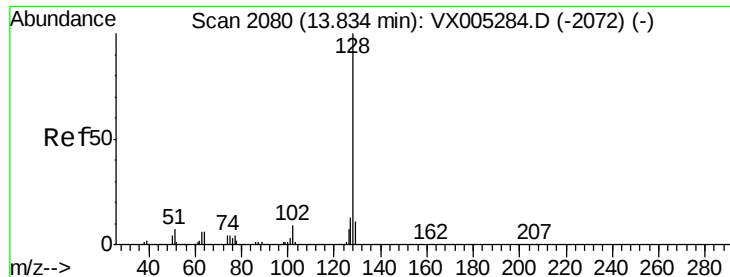
Tot Ion:180 Resp: 246089
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 27.6 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 49.513 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion:225 Resp: 121900
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.1 90.5
 227 64.2 30.8 92.4





#95

Naphthalene

Concen: 55.235 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

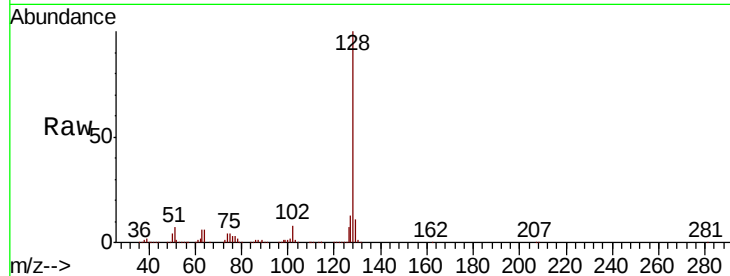
Tot Ion:128 Resp: 746708

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

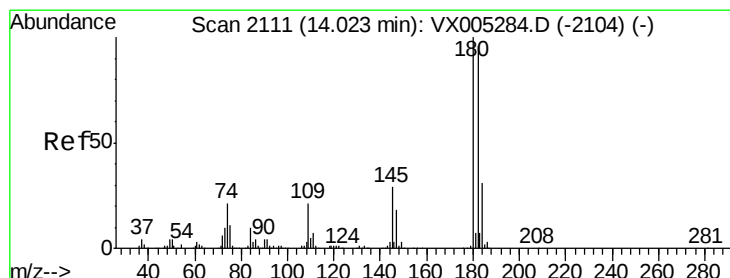
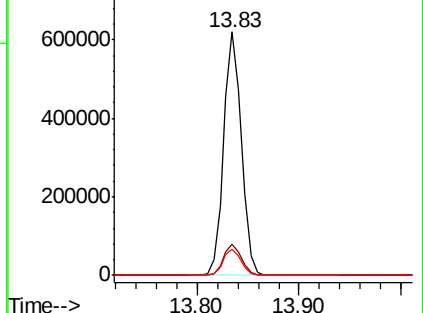
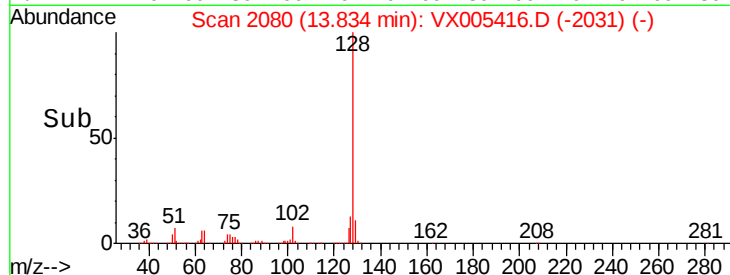
129 11.0 8.6 12.8



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: 52.882 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

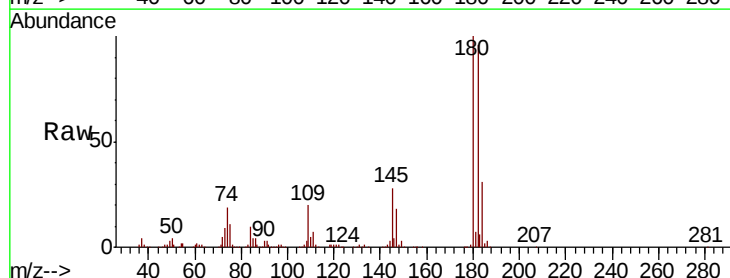
Tgt Ion:180 Resp: 252226

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 29.1 14.9 44.9



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

