

Data Path : W:\HPCHEM1\MSVOA X\Data\VX041718\
 Data File : VX000981.D
 Acq On : 17 Apr 2018 22:22
 Operator : JC/MD
 Sample : VX0417MBSD01
 Misc : 5.00µg/10mL/100µL/5mL//MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBSD01

Quant Time: Apr 18 05:57:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142645	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	5.51	113	116431	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
50) Toluene-d8	8.72	98	432854	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
62) 4-Bromofluorobenzene	11.14	95	176651	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48922	17.36	ug/l	99
3) Chloromethane	1.32	50	45283	18.75	ug/l	99
4) Vinyl Chloride	1.41	62	49832	18.34	ug/l	99
5) Bromomethane	1.65	94	34761	30.37	ug/l	99
6) Chloroethane	1.73	64	31596	19.19	ug/l	97
7) Trichlorofluoromethane	1.93	101	80502	19.64	ug/l	97
8) Diethyl Ether	2.19	74	29386	19.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46585	19.27	ug/l	98
10) Methyl Iodide	2.52	142	23769	18.79	ug/l	98
11) Tert butyl alcohol	3.07	59	44044	78.83	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42613	18.60	ug/l	97
13) Acrolein	2.30	56	9362	34.50	ug/l	97
14) Allyl chloride	2.73	41	76262	18.00	ug/l	97
15) Acrylonitrile	3.15	53	119594	100.40	ug/l	99
16) Acetone	2.45	43	100780	92.86	ug/l	96
17) Carbon Disulfide	2.57	76	96559	13.92	ug/l	98
18) Methyl Acetate	2.78	43	61884	22.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	152776	20.02	ug/l	99
20) Methylene Chloride	2.87	84	48672	19.28	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46736	18.50	ug/l	98
22) Diisopropyl ether	3.88	45	159791	20.53	ug/l	99
23) Vinyl Acetate	3.83	43	656218	96.02	ug/l	97
24) 1,1-Dichloroethane	3.70	63	87316	19.99	ug/l	99
25) 2-Butanone	4.71	43	166876	93.12	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67612	15.59	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	55003	19.19	ug/l	99
28) Bromochloromethane	5.03	49	25593	14.55	ug/l	96
29) Tetrahydrofuran	5.17	42	106760	93.82	ug/l	99
30) Chloroform	5.23	83	92317	19.96	ug/l	99
31) Cyclohexane	5.59	56	73759	17.78	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	79807	18.11	ug/l	98
36) 1,1-Dichloropropene	5.81	75	66487	17.53	ug/l	98
37) Ethyl Acetate	4.87	43	66664	18.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	70050	16.50	ug/l	96

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0417MBSD01

Quant Time: Apr 18 05:57:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	74003	16.25	ug/l	98
40) Benzene	6.15	78	195308	18.53	ug/l	98
41) Methacrylonitrile	5.07	41	40321	18.85	ug/l	98
42) 1,2-Dichloroethane	6.21	62	76879	19.53	ug/l	98
43) Isopropyl Acetate	6.47	43	111993	17.64	ug/l	99
44) Trichloroethene	7.22	130	58835	17.95	ug/l	98
45) 1,2-Dichloropropane	7.53	63	51361	19.14	ug/l	95
46) Dibromomethane	7.67	93	34999	18.71	ug/l	97
47) Bromodichloromethane	7.90	83	65276	17.29	ug/l	98
48) Methyl methacrylate	7.78	41	60249	18.31	ug/l	99
49) 1,4-Dioxane	7.76	88	17048	257.80	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	354468	95.06	ug/l	98
52) Toluene	8.79	92	130929	18.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	76597	16.91	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71305	16.17	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53532	19.29	ug/l	99
56) Ethyl methacrylate	9.19	69	77456	18.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	86335	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	184434	92.19	ug/l	98
59) 2-Hexanone	9.50	43	263180	91.42	ug/l	98
60) Dibromochloromethane	9.59	129	54200	16.32	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55735	18.93	ug/l	98
64) Tetrachloroethene	9.34	164	61906	19.23	ug/l	99
65) Chlorobenzene	10.15	112	156020	18.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54132	17.36	ug/l	99
67) Ethyl Benzene	10.26	91	254431	18.42	ug/l	100
68) m/p-Xylenes	10.37	106	198608	36.43	ug/l	99
69) o-Xylene	10.71	106	96742	18.41	ug/l	98
70) Styrene	10.72	104	163620	18.47	ug/l	99
71) Bromoform	10.87	173	41622	14.42	ug/l #	99
73) Isopropylbenzene	11.02	105	263945	18.78	ug/l	100
74) N-amyl acetate	6.47	43	111993	17.69	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77064	18.89	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71472m	18.71	ug/l	
77) Bromobenzene	11.26	156	77612	18.84	ug/l	99
78) n-propylbenzene	11.37	91	299577	18.63	ug/l	100
79) 2-Chlorotoluene	11.43	91	178750	18.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223646	18.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17166	12.36	ug/l #	83
82) 4-Chlorotoluene	11.52	91	214849	18.73	ug/l	99
83) tert-Butylbenzene	11.77	119	228100	18.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	231653	18.56	ug/l	99
85) sec-Butylbenzene	11.95	105	268135	18.38	ug/l	99
86) p-Isopropyltoluene	12.07	119	247116	18.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	141993	18.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144322	18.47	ug/l	99
89) n-Butylbenzene	12.39	91	213784	17.80	ug/l	99
90) Hexachloroethane	12.60	117	33176	14.41	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	140328	19.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15483	15.15	ug/l	94

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Misc : 5.00g/10mL/100uL/5mL//MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

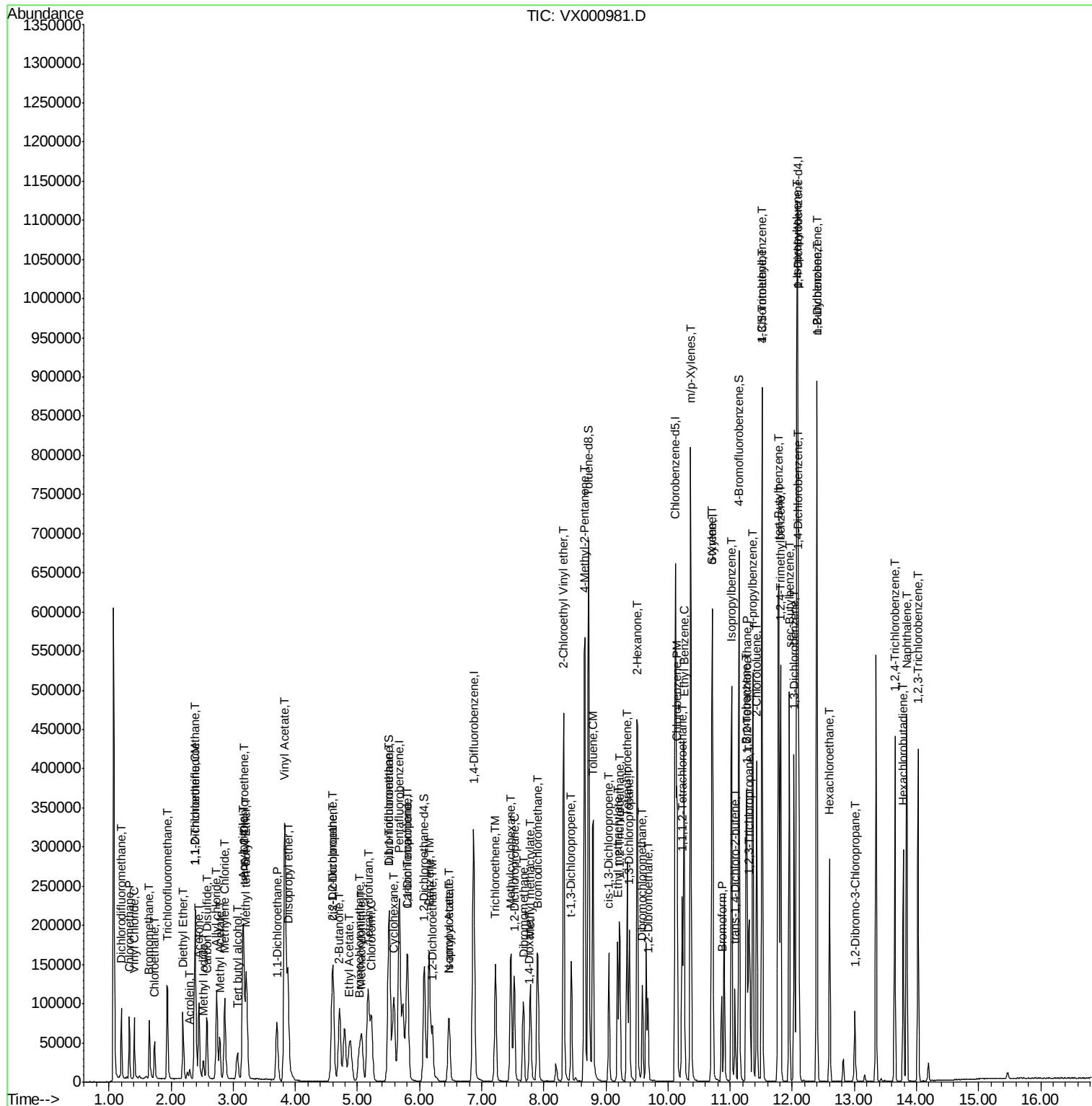
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

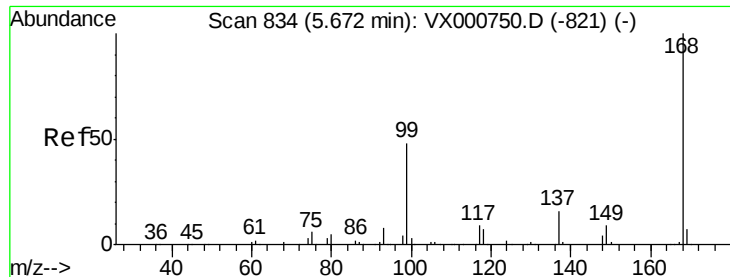
Quant Time: Apr 18 05:57:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112497	17.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	48964	15.86	ug/l	98
95) Naphthalene	13.84	128	293267	18.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	111323	18.25	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

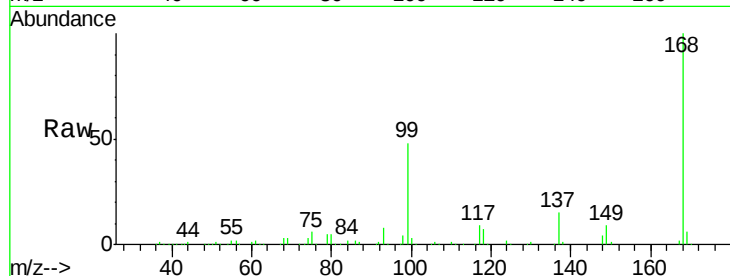
VX0417MBSD01

Tot Ion:168 Resp: 249587

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

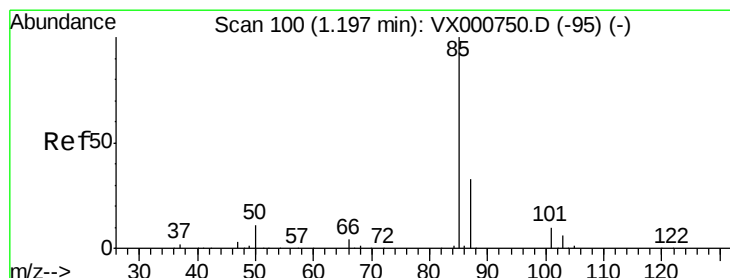
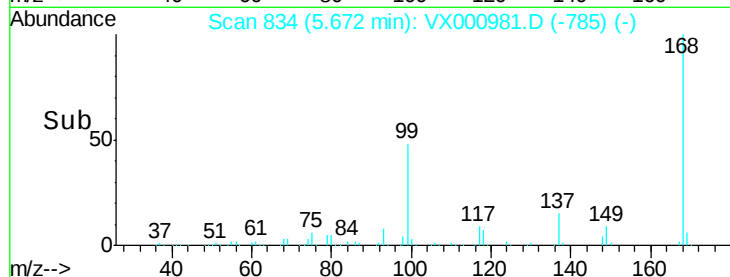
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000981.D

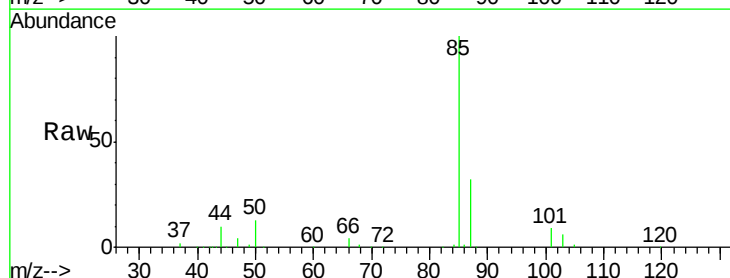
Acq: 17 Apr 2018 22:22

Tgt Ion: 85 Resp: 48922

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

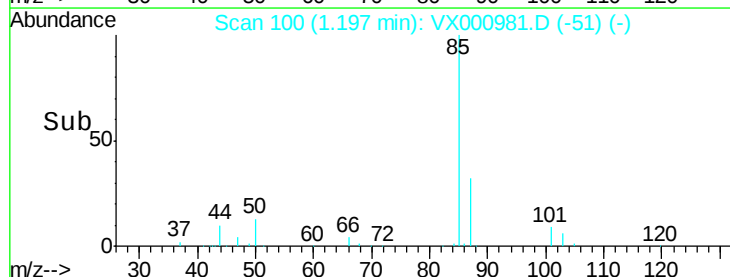
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

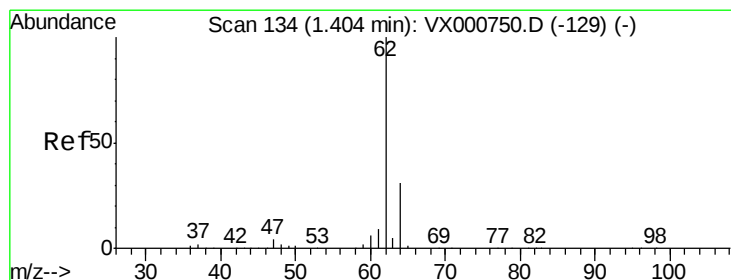
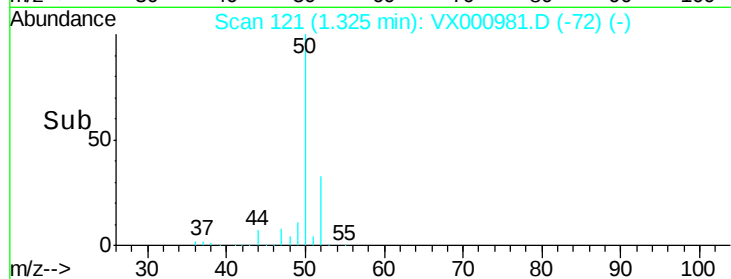
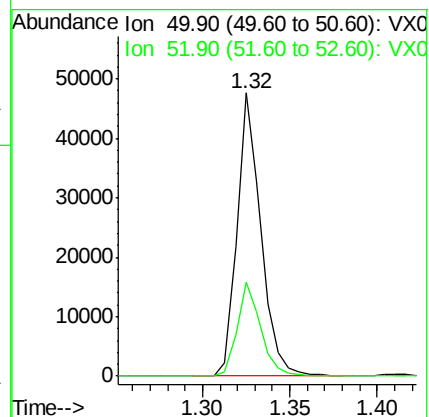
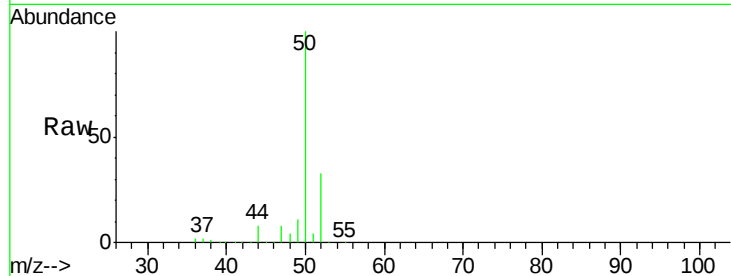
VX0417MBSD01

Tot Ion: 50 Resp: 45283

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 18.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000981.D

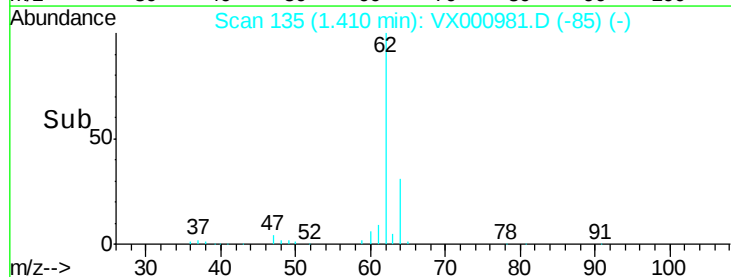
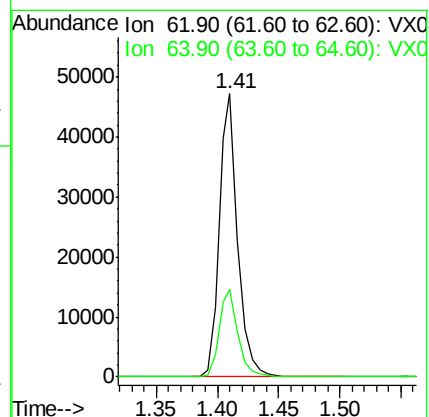
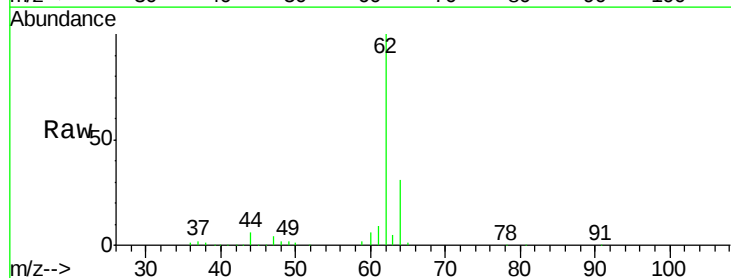
Acq: 17 Apr 2018 22:22

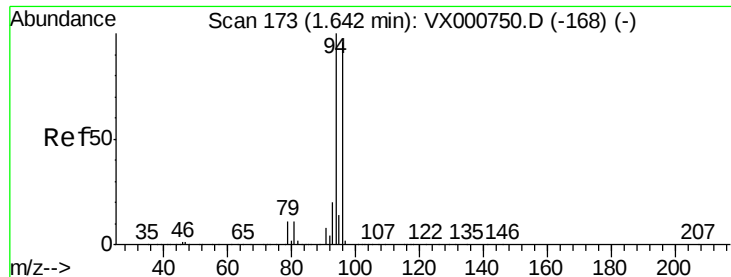
Tgt Ion: 62 Resp: 49832

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 30.37 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

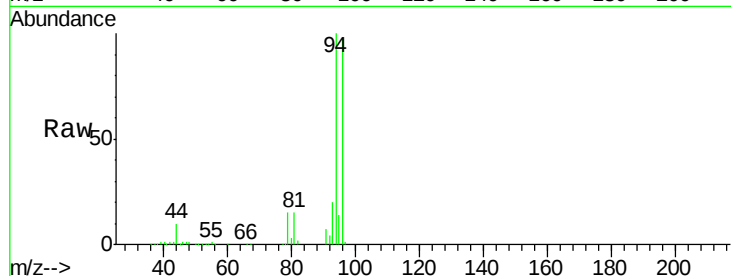
VX0417MBSD01

Tot Ion: 94 Resp: 34761

Ion Ratio Lower Upper

94 100

96 97.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

25000

20000

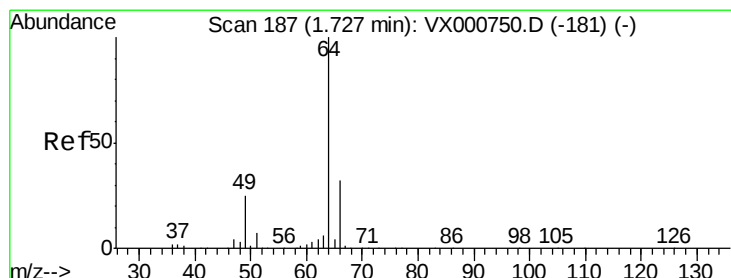
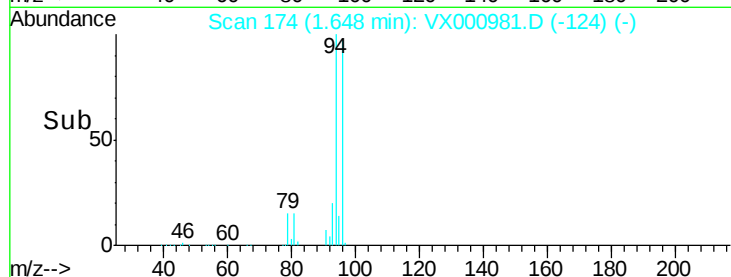
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000981.D

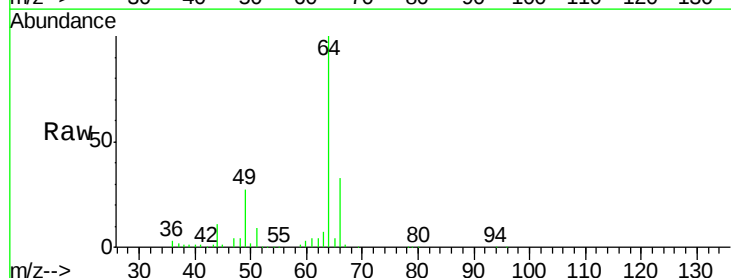
Acq: 17 Apr 2018 22:22

Tgt Ion: 64 Resp: 31596

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

25000

20000

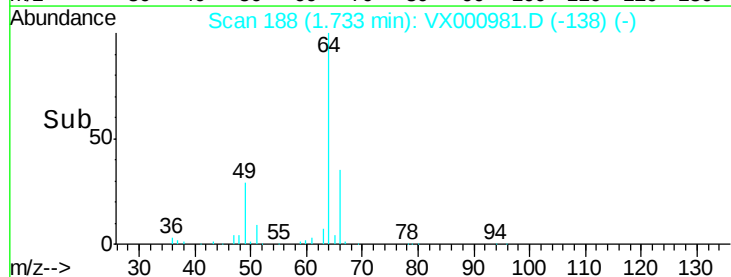
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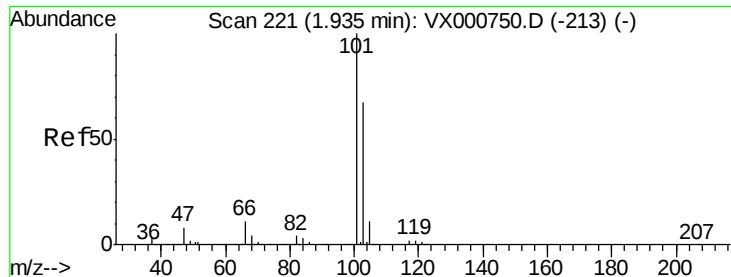
10000

5000

0

Time--> 1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 19.64 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

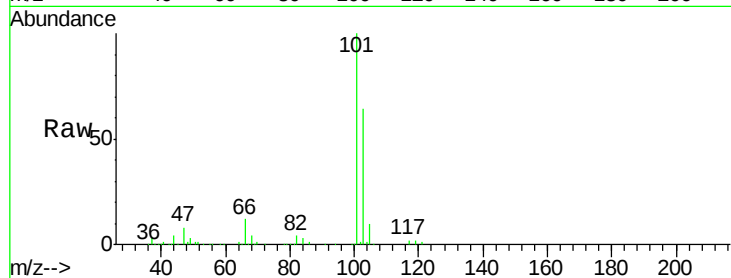
VX0417MBSD01

Tot Ion:101 Resp: 80502

Ion Ratio Lower Upper

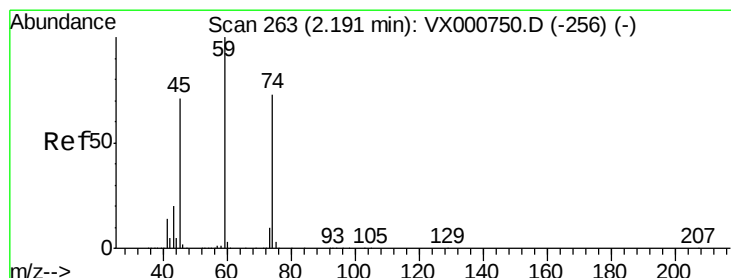
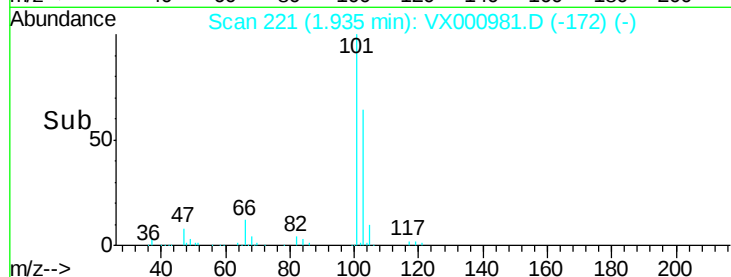
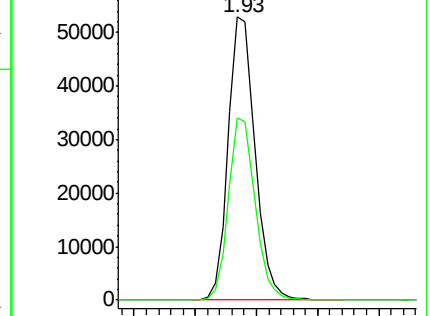
101 100

103 64.4 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.19 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000981.D

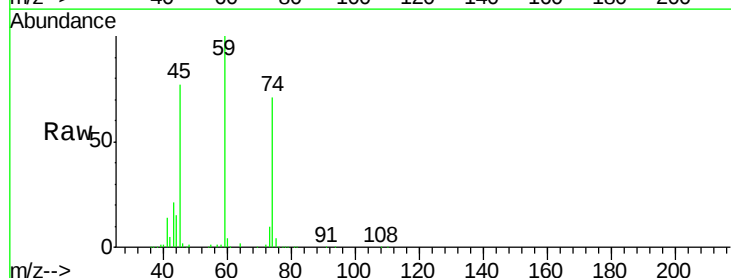
Acq: 17 Apr 2018 22:22

Tgt Ion: 74 Resp: 29386

Ion Ratio Lower Upper

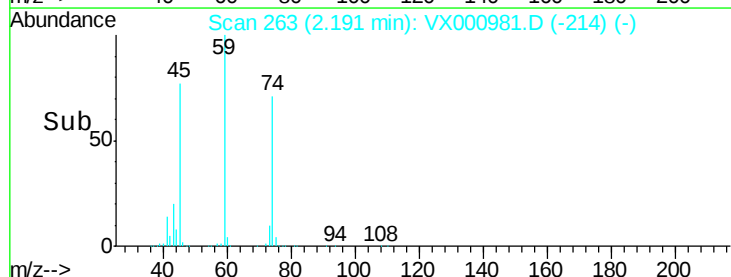
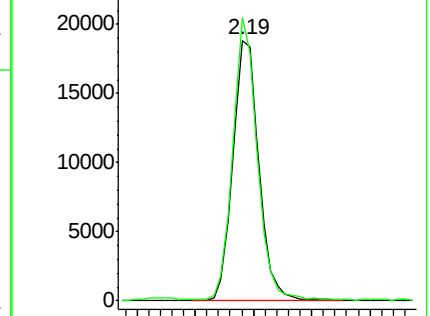
74 100

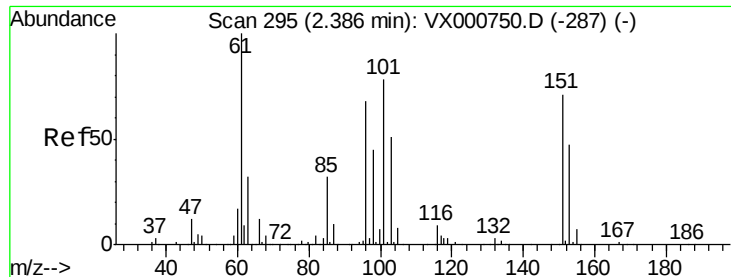
45 101.7 48.6 145.8



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: 19.27 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000981.D

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MSVOA_X

ClientSampleId :

VX0417MBSD01

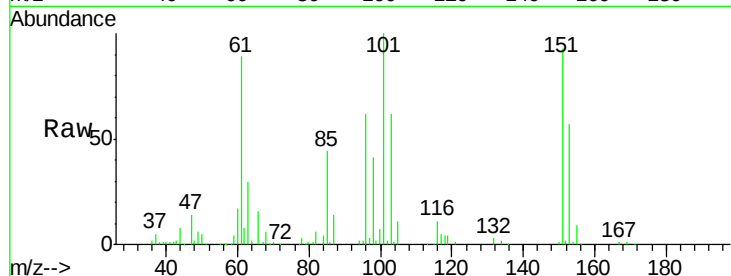
Tot Ion:101 Resp: 46585

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

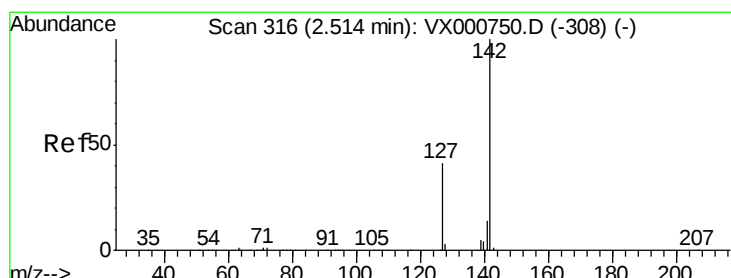
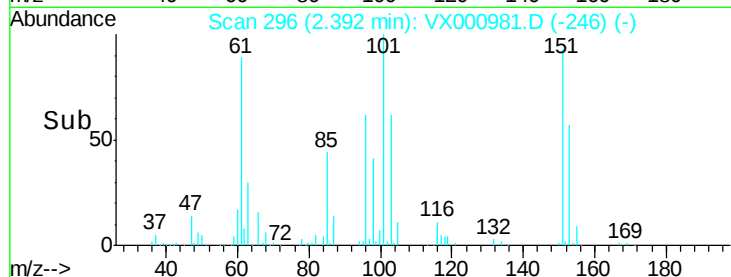
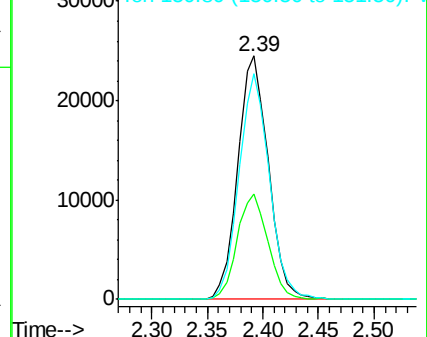
151 92.0 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.79 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

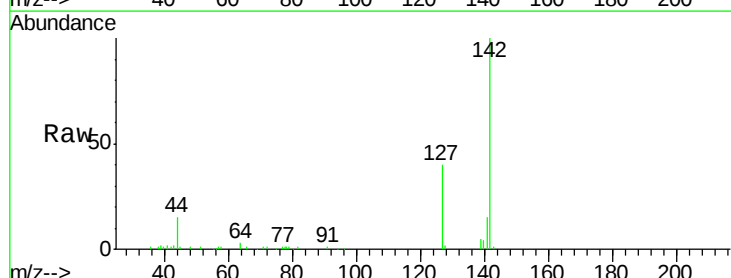
Tgt Ion:142 Resp: 23769

Ion Ratio Lower Upper

142 100

127 42.1 32.6 49.0

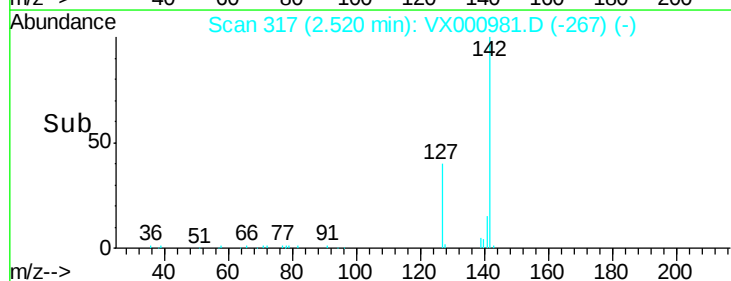
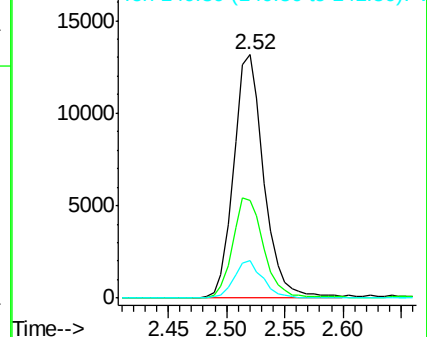
141 14.7 11.5 17.3

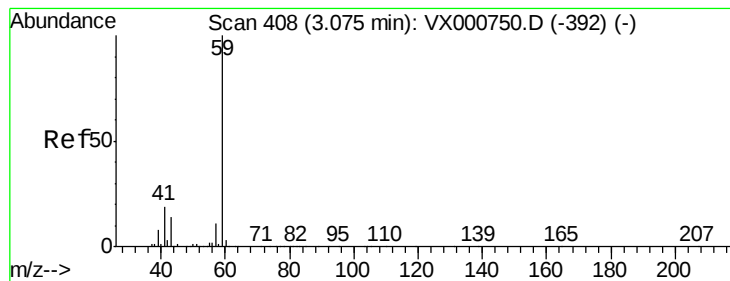


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 78.83 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

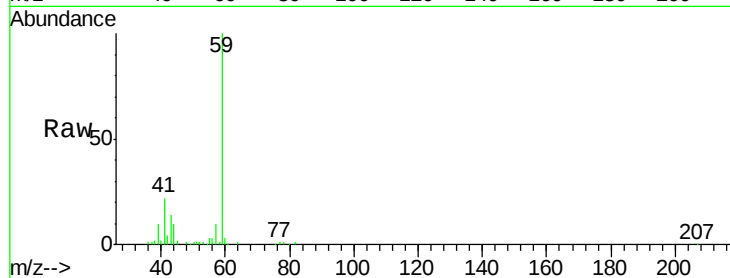
VX0417MBSD01

Tot Ion: 59 Resp: 44044

Ion Ratio Lower Upper

59 100

57 11.1 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

20000

15000

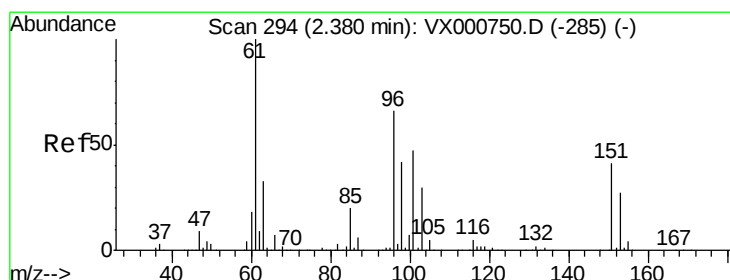
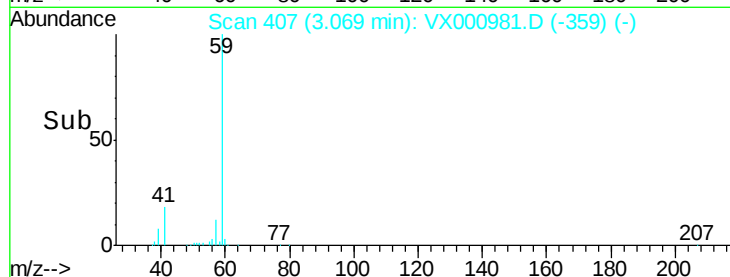
10000

5000

0

Time--> 2.95 3.00 3.05 3.10 3.15

3.07



#12

1,1-Dichloroethene

Concen: 18.60 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

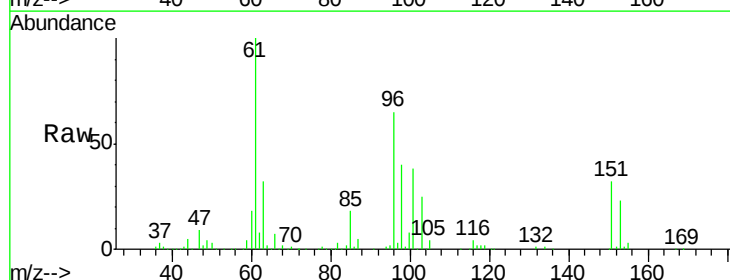
Tgt Ion: 96 Resp: 42613

Ion Ratio Lower Upper

96 100

61 154.2 120.5 180.7

98 61.5 50.9 76.3



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

50000

40000

30000

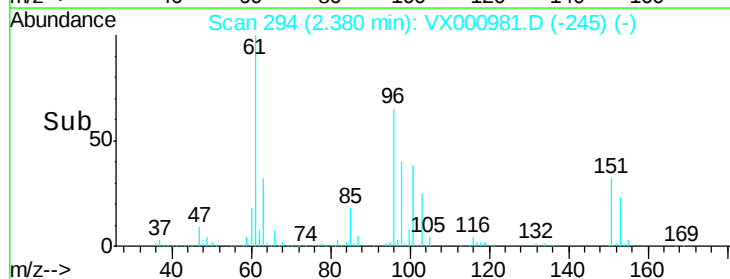
20000

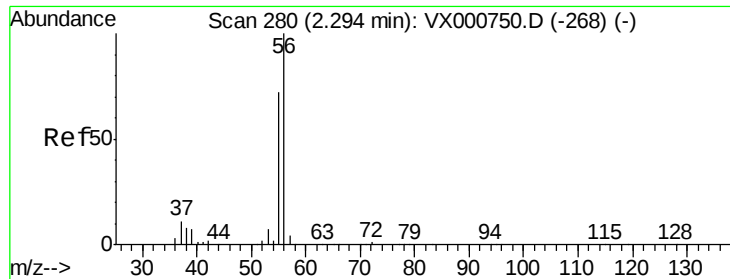
10000

0

Time--> 2.30 2.40 2.50

2.38





#13

Acrolein

Concen: 34.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

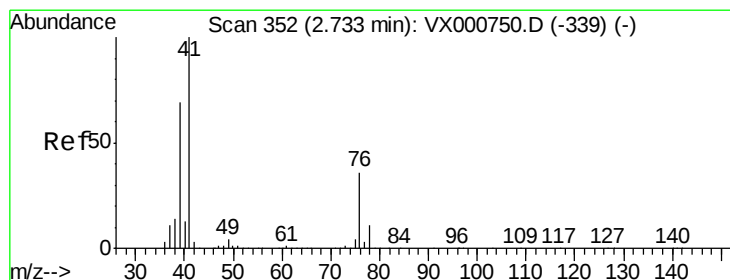
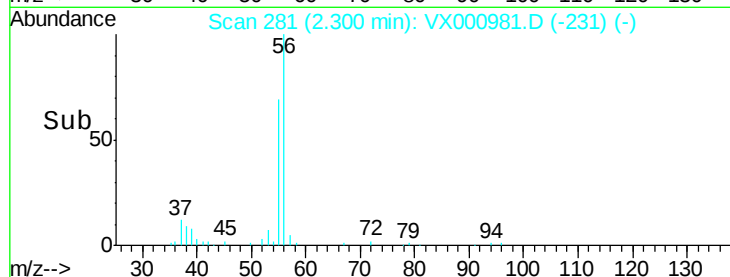
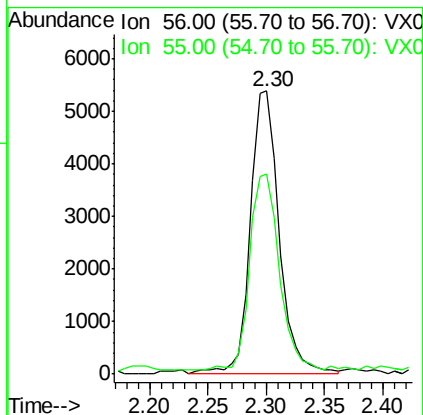
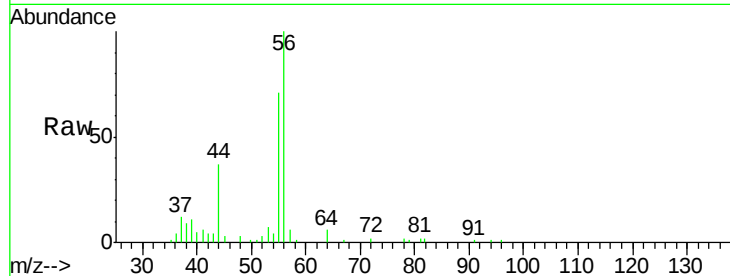
VX0417MBSD01

Tot Ion: 56 Resp: 9362

Ion Ratio Lower Upper

56 100

55 71.1 58.7 88.1



#14

Allyl chloride

Concen: 18.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

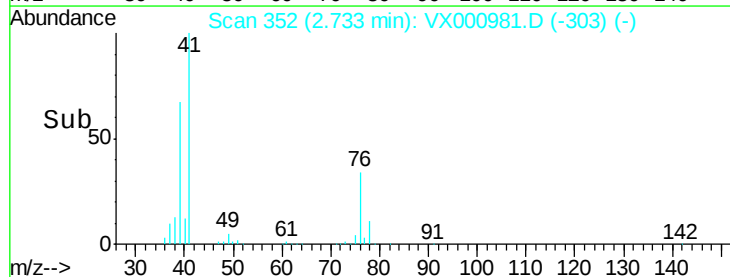
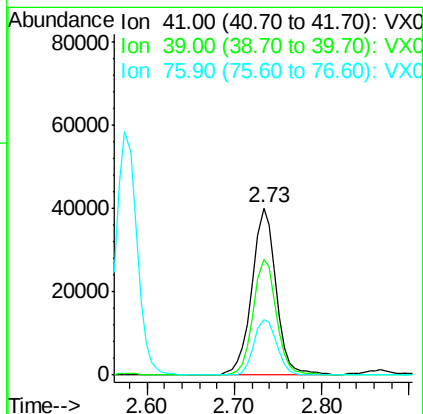
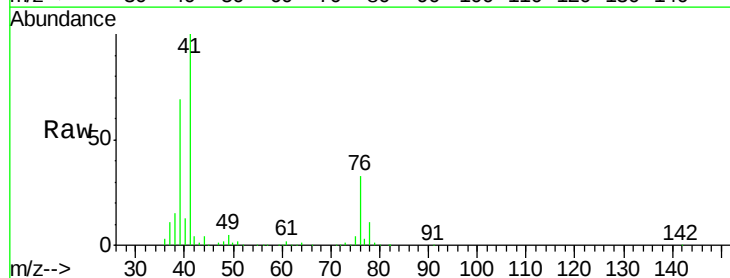
Tgt Ion: 41 Resp: 76262

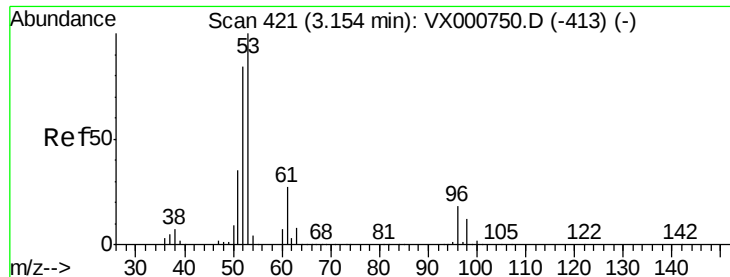
Ion Ratio Lower Upper

41 100

39 66.9 51.5 77.3

76 32.3 26.5 39.7





#15

Acrylonitrile

Concen: 100.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

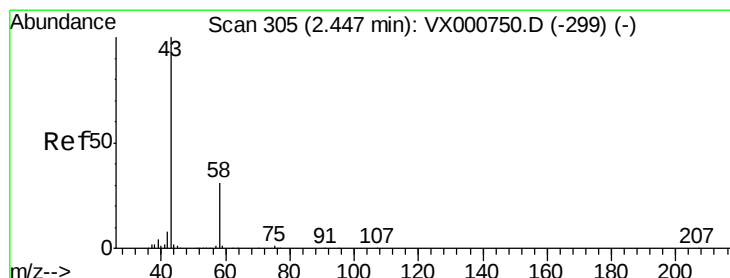
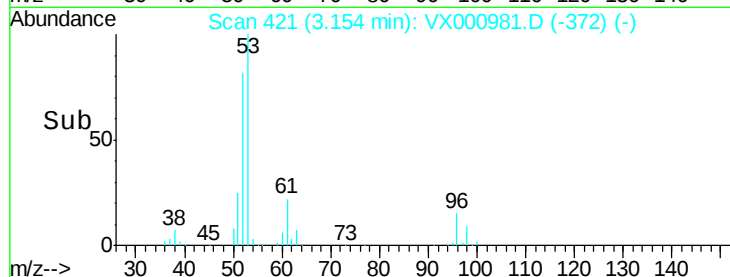
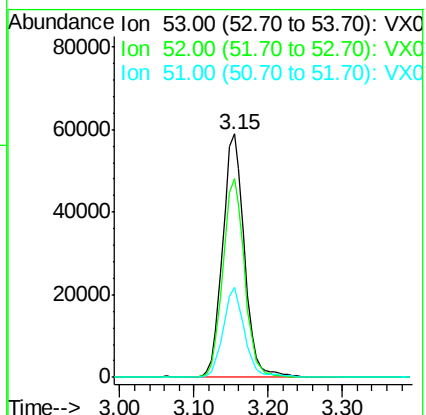
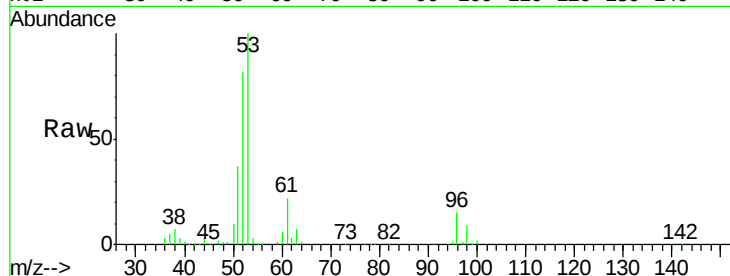
Tot Ion: 53 Resp: 119594

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

51 36.9 28.8 43.2



#16

Acetone

Concen: 92.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000981.D

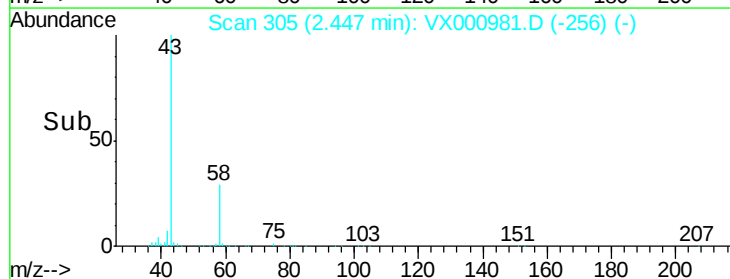
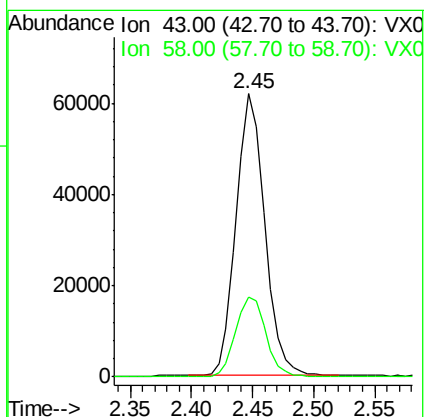
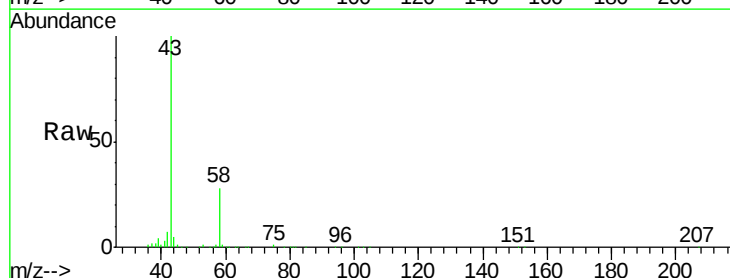
Acq: 17 Apr 2018 22:22

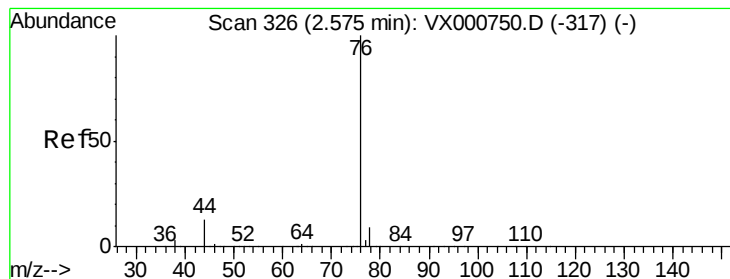
Tgt Ion: 43 Resp: 100780

Ion Ratio Lower Upper

43 100

58 28.4 24.6 37.0





#17

Carbon Disulfide

Concen: 13.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

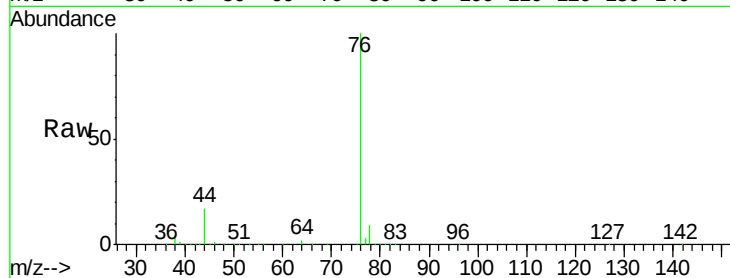
VX0417MBSD01

Tot Ion: 76 Resp: 96559

Ion Ratio Lower Upper

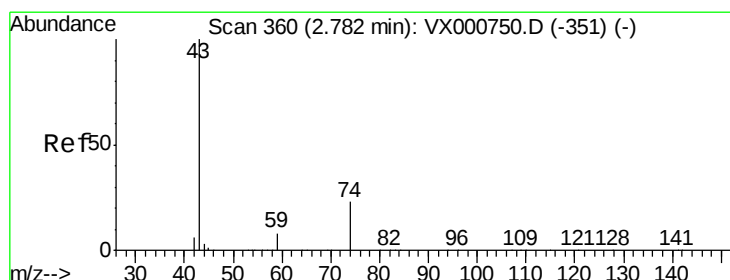
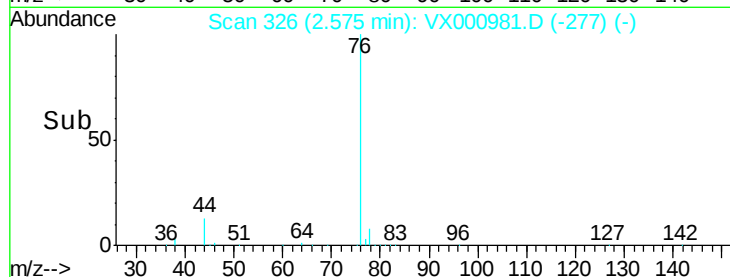
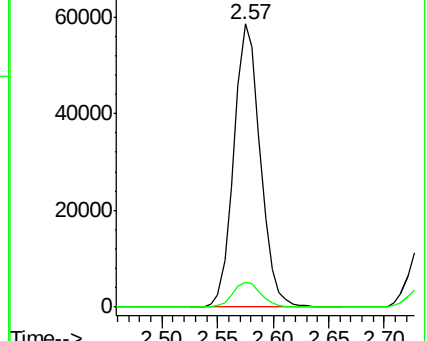
76 100

78 8.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000981.D

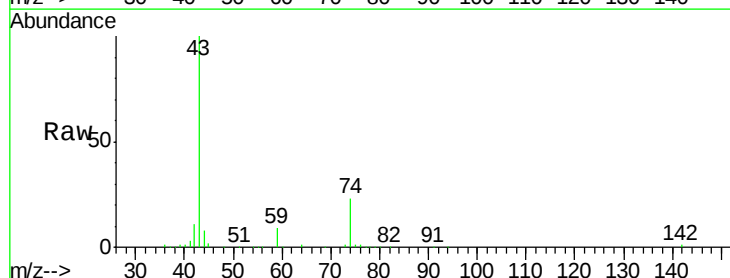
Acq: 17 Apr 2018 22:22

Tgt Ion: 43 Resp: 61884

Ion Ratio Lower Upper

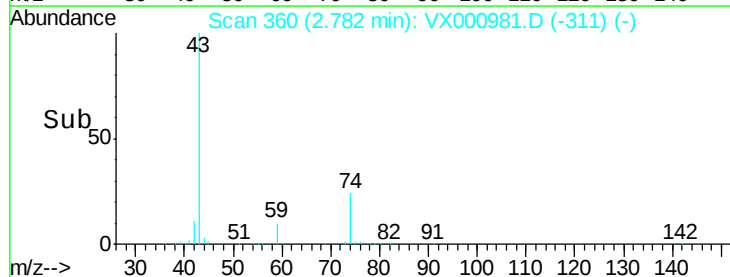
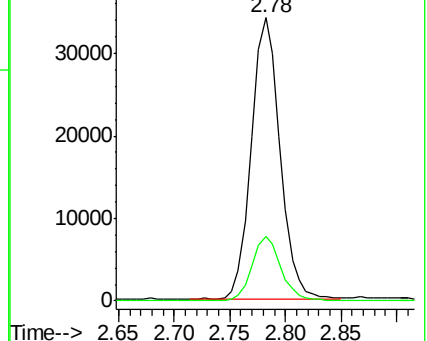
43 100

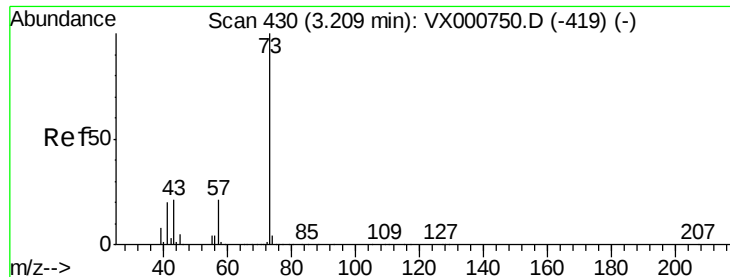
74 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

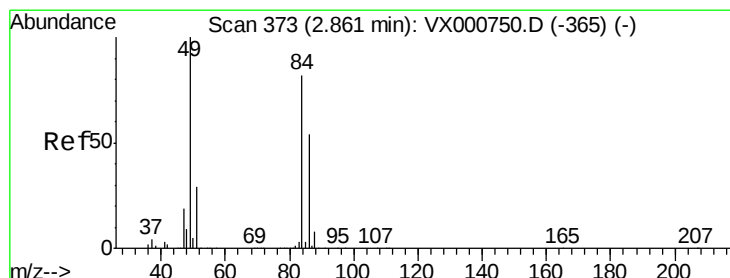
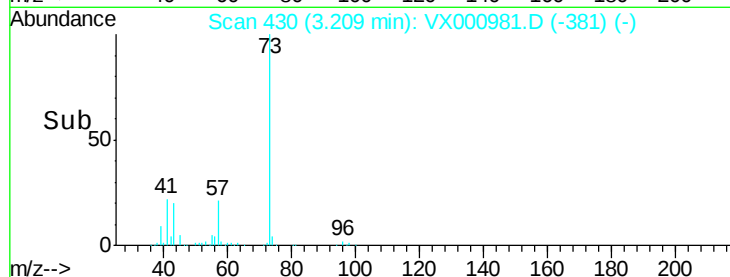
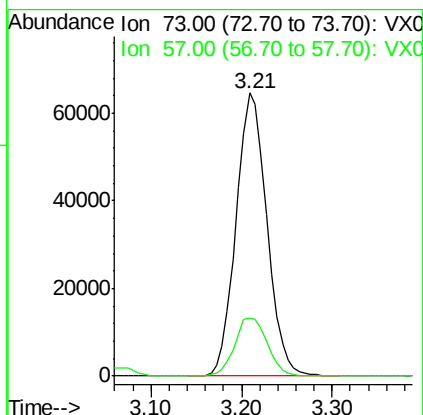
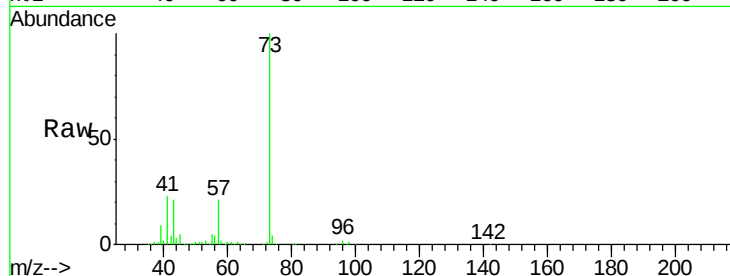




#19
Methyl tert-butyl Ether
Concen: 20.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

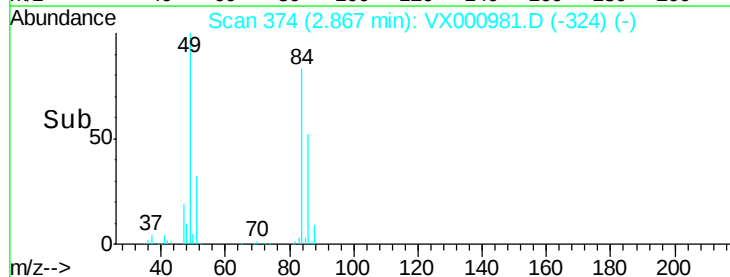
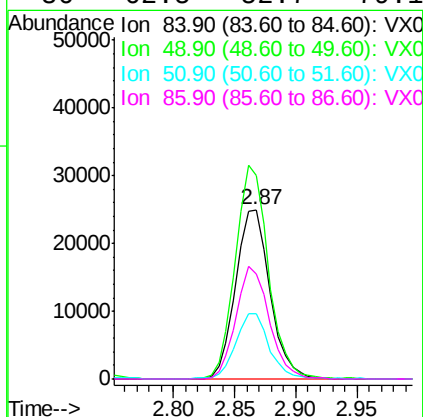
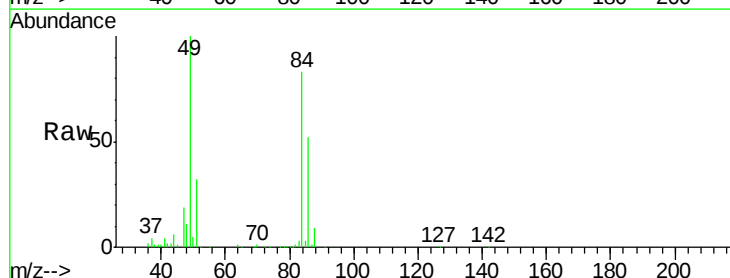
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

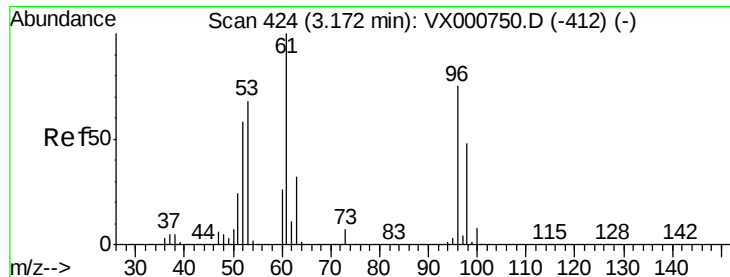
Tot Ion: 73 Resp: 152776
Ion Ratio Lower Upper
73 100
57 20.7 16.9 25.3



#20
Methylene Chloride
Concen: 19.28 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 84 Resp: 48672
Ion Ratio Lower Upper
84 100
49 120.3 98.1 147.1
51 38.8 28.9 43.3
86 62.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.50 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

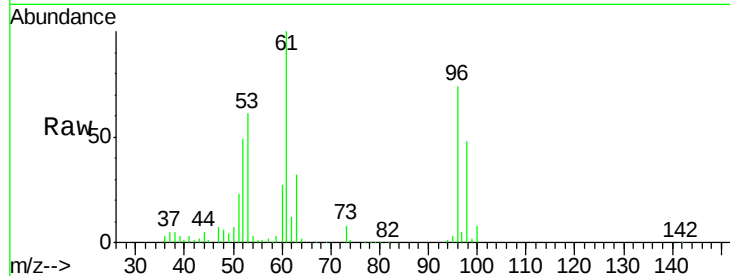
Tot Ion: 96 Resp: 46736

Ion Ratio Lower Upper

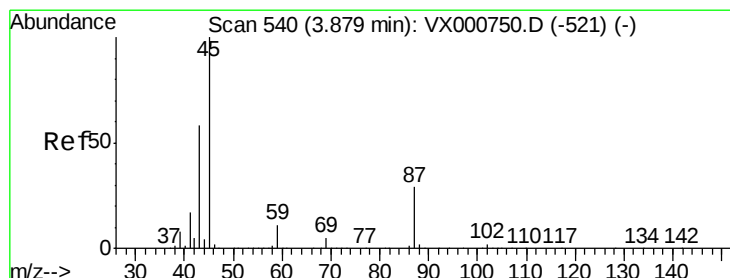
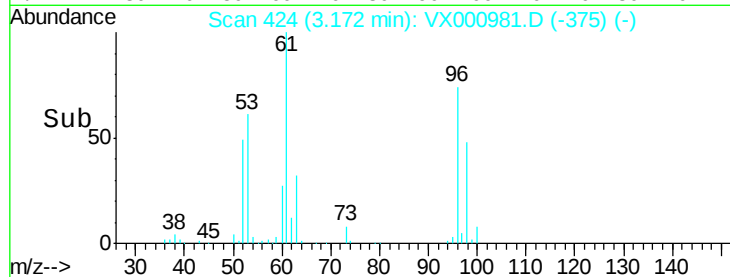
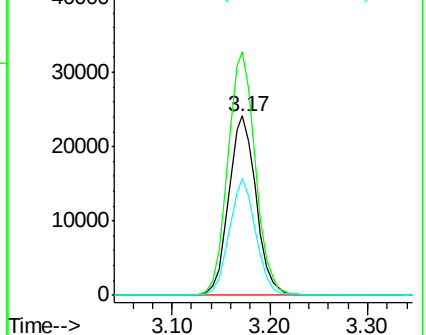
96 100

61 135.6 106.2 159.2

98 64.8 51.2 76.8



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: 20.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Tgt Ion: 45 Resp: 159791

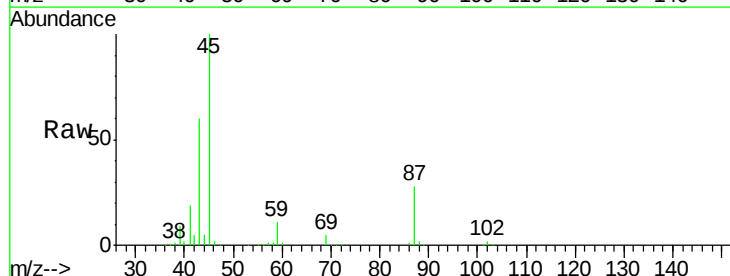
Ion Ratio Lower Upper

45 100

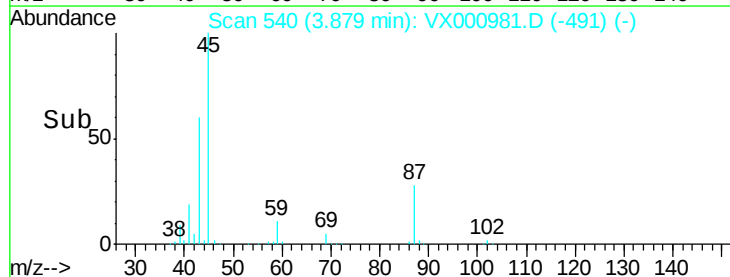
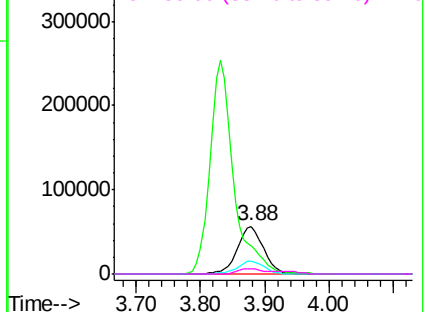
43 59.4 46.6 69.8

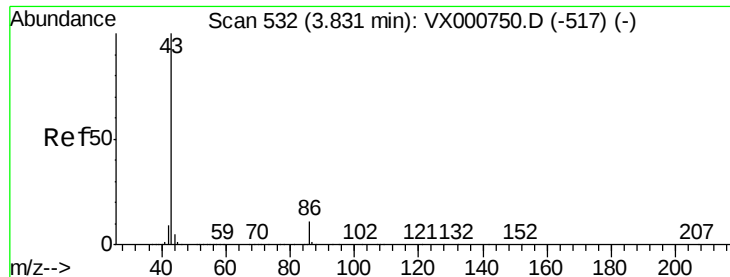
87 27.8 22.9 34.3

59 11.3 9.2 13.8



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: 96.02 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

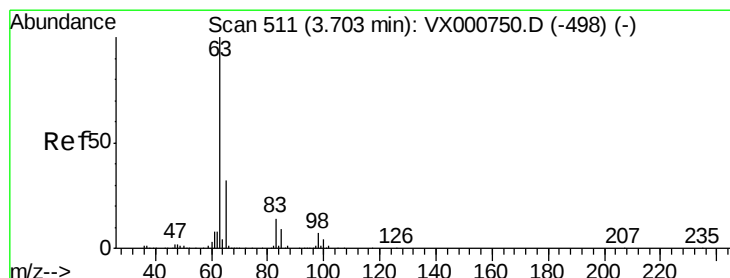
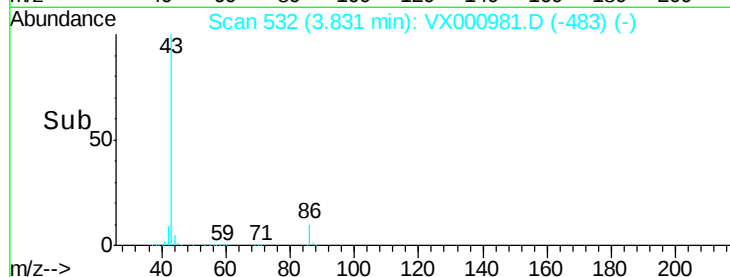
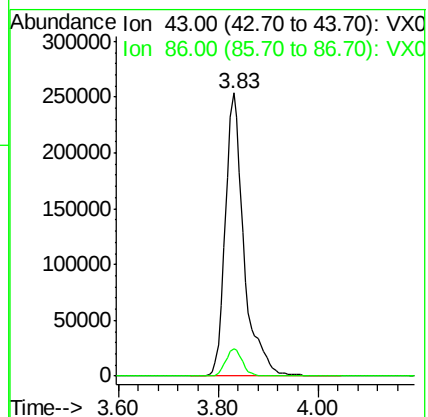
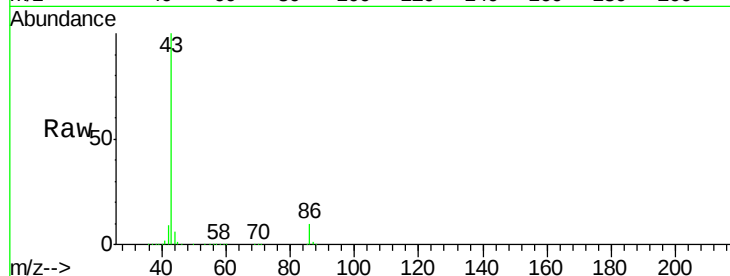
VX0417MBSD01

Tot Ion: 43 Resp: 656218

Ion Ratio Lower Upper

43 100

86 9.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.99 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

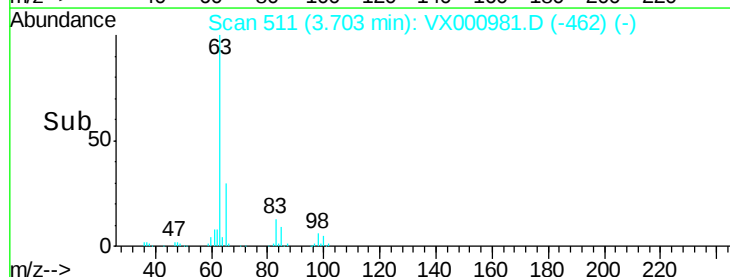
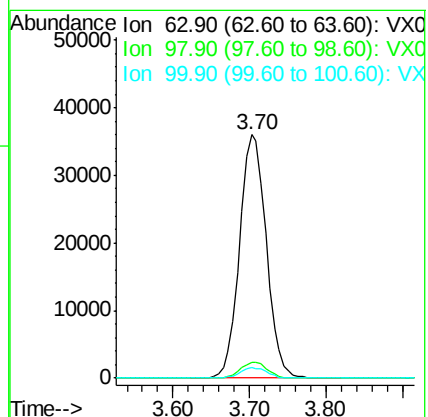
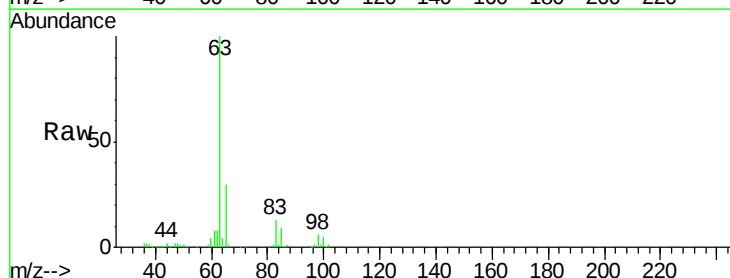
Tgt Ion: 63 Resp: 87316

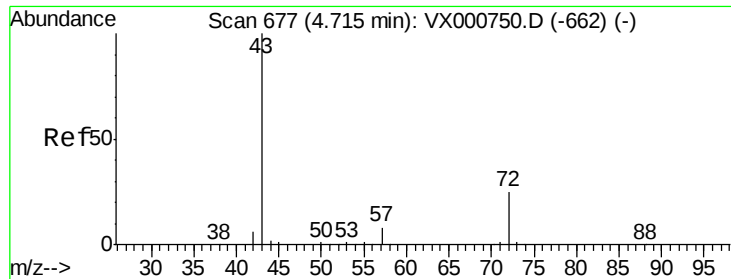
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 93.12 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

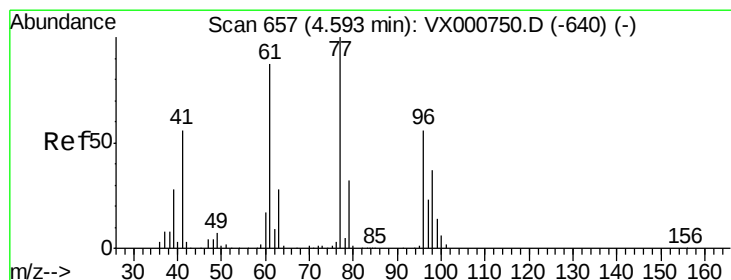
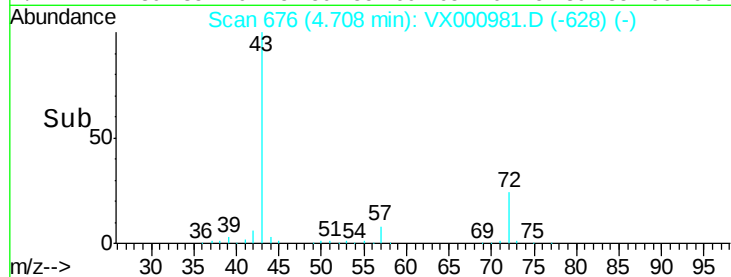
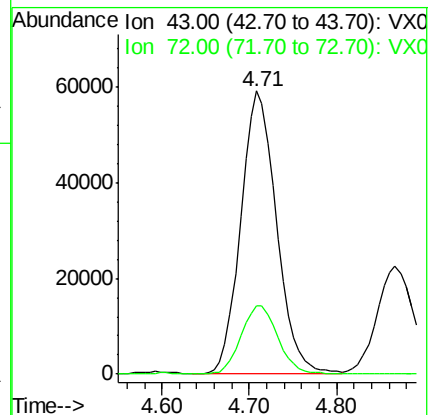
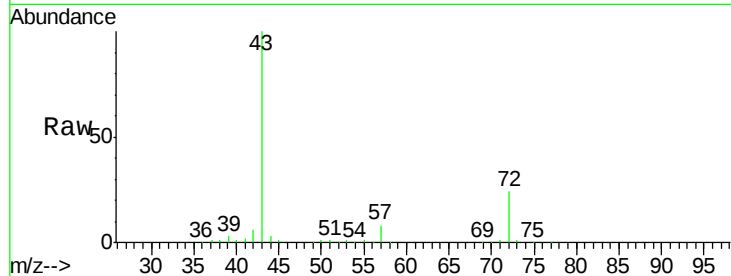
VX0417MBSD01

Tot Ion: 43 Resp: 166876

Ion Ratio Lower Upper

43 100

72 23.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 15.59 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000981.D

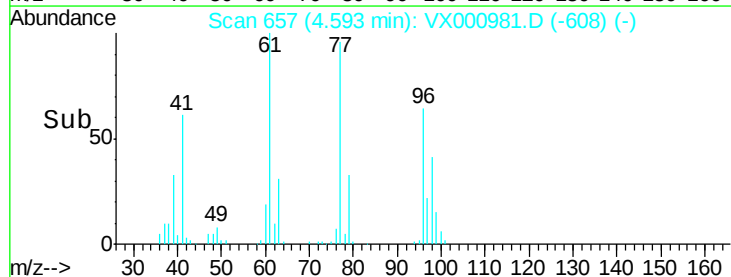
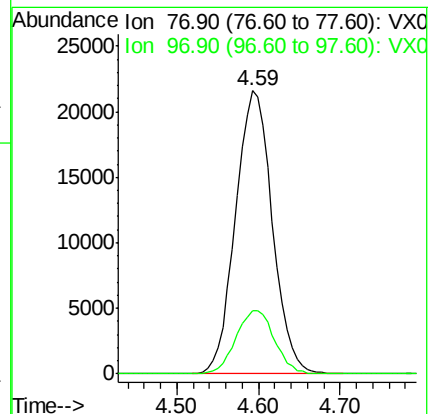
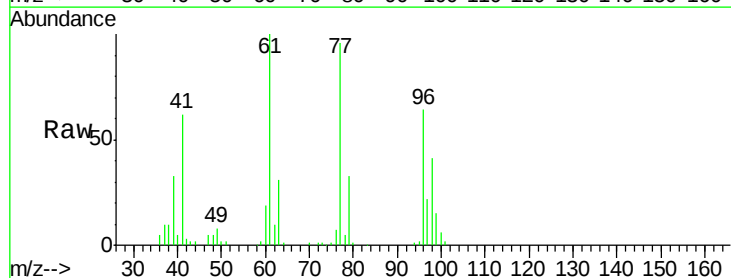
Acq: 17 Apr 2018 22:22

Tgt Ion: 77 Resp: 67612

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.19 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

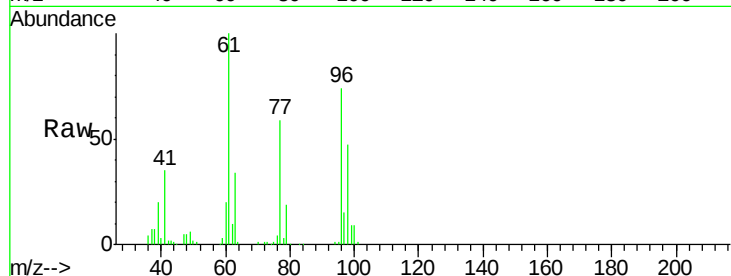
Tot Ion: 96 Resp: 55003

Ion Ratio Lower Upper

96 100

61 144.8 0.0 292.4

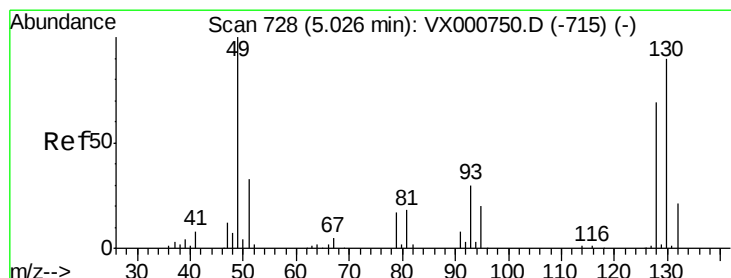
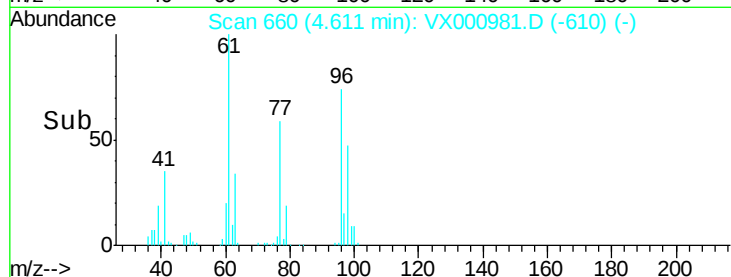
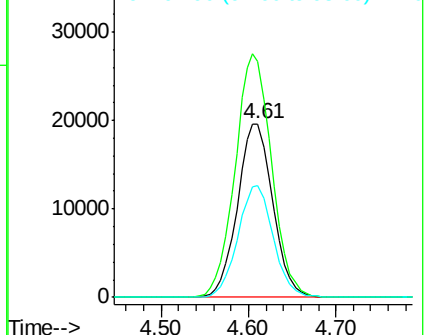
98 64.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 14.55 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

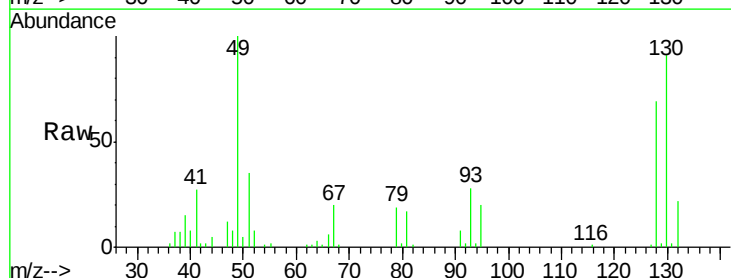
Tgt Ion: 49 Resp: 25593

Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.2

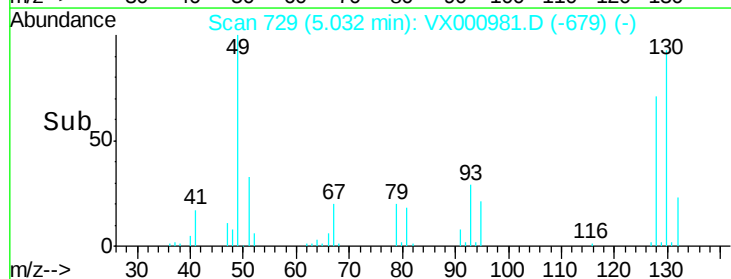
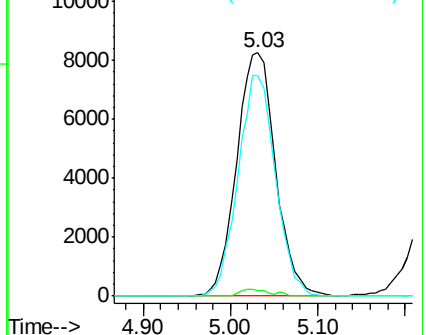
130 87.3 72.6 109.0

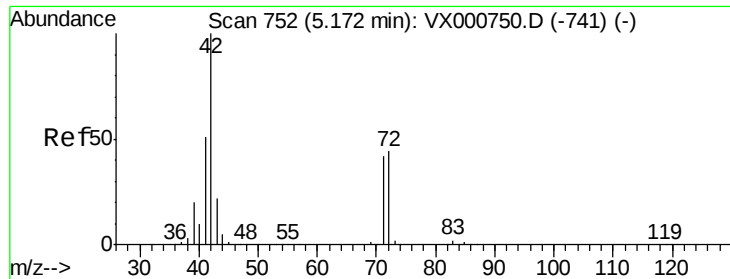


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

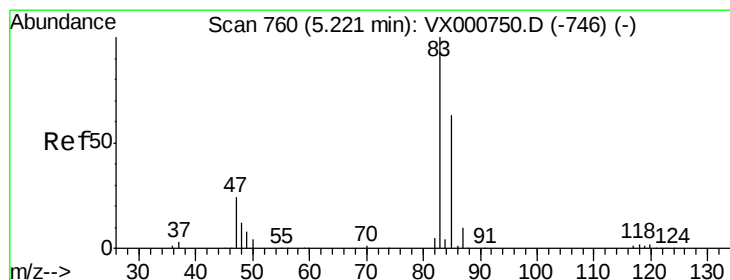
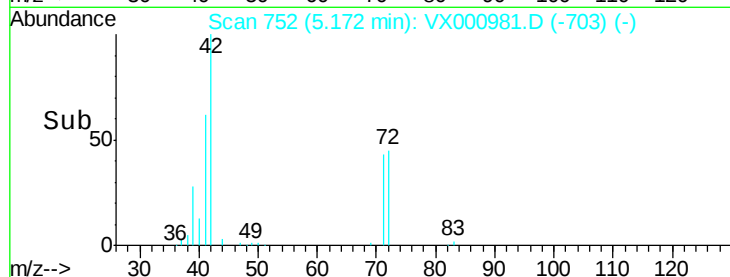
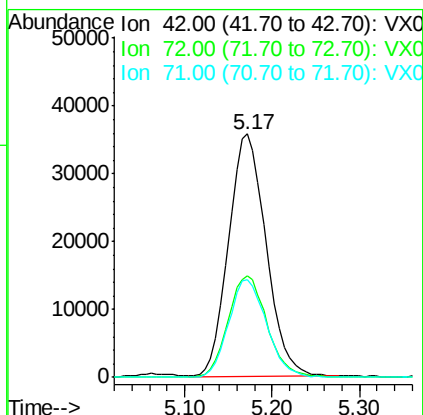
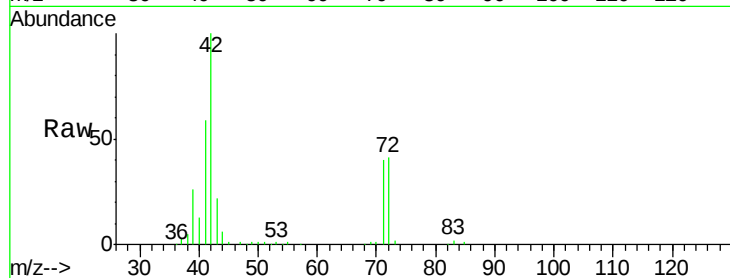




#29
Tetrahydrofuran
Concen: 93.82 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

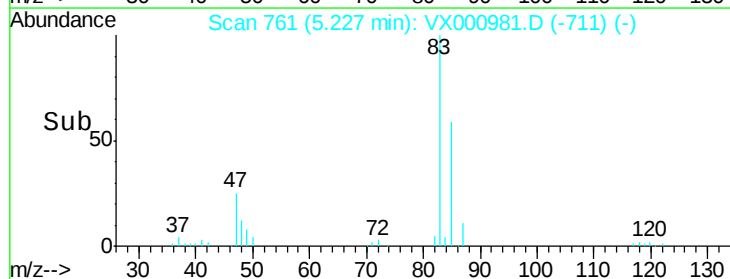
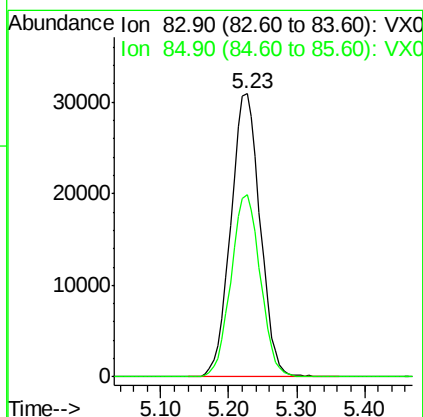
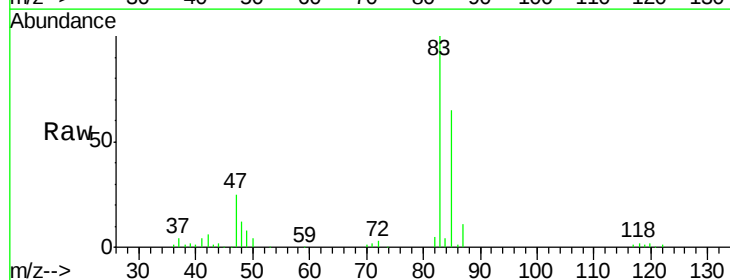
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

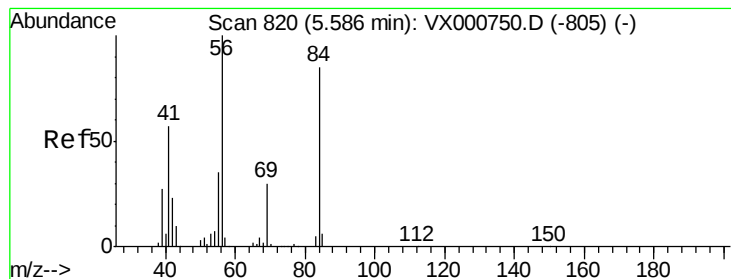
Tot Ion: 42 Resp: 106760
Ion Ratio Lower Upper
42 100
72 43.4 35.1 52.7
71 40.7 32.8 49.2



#30
Chloroform
Concen: 19.96 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 83 Resp: 92317
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1





#31

Cyclohexane

Concen: 17.78 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

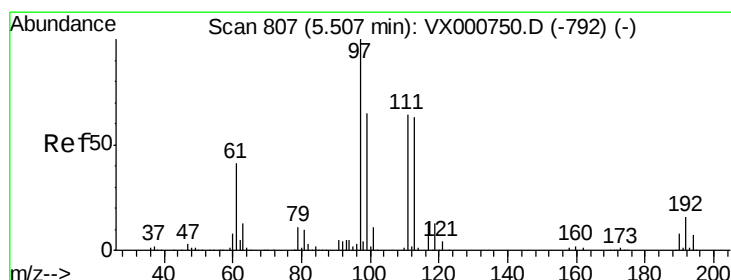
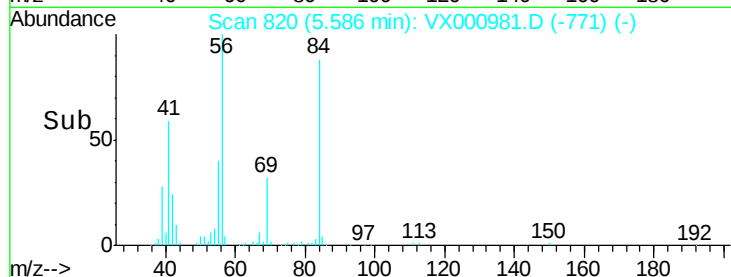
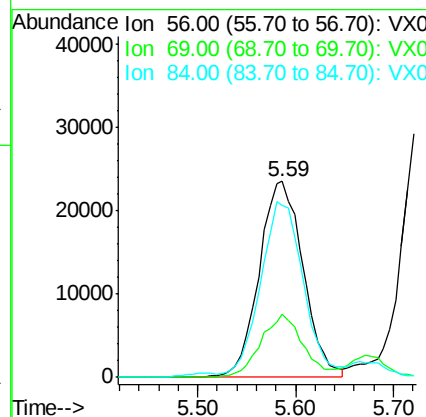
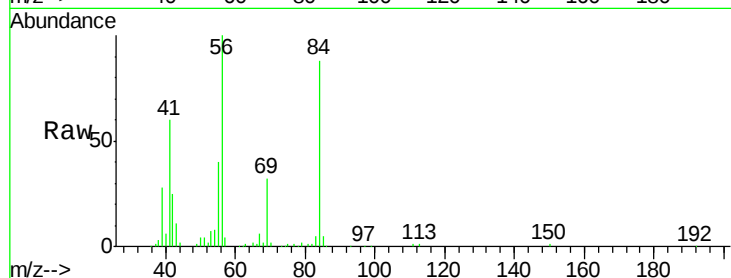
Tot Ion: 56 Resp: 73759

Ion Ratio Lower Upper

56 100

69 32.3 24.2 36.4

84 86.1 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 18.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

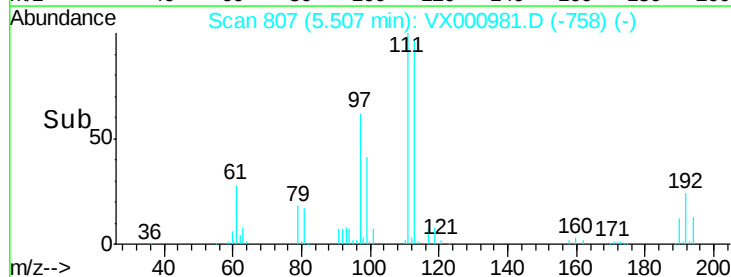
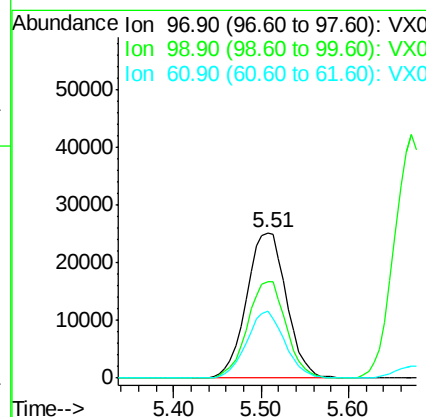
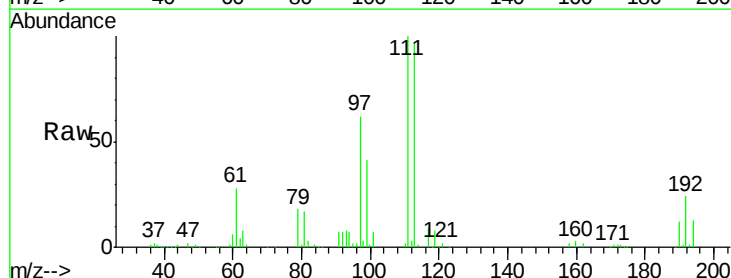
Tgt Ion: 97 Resp: 79807

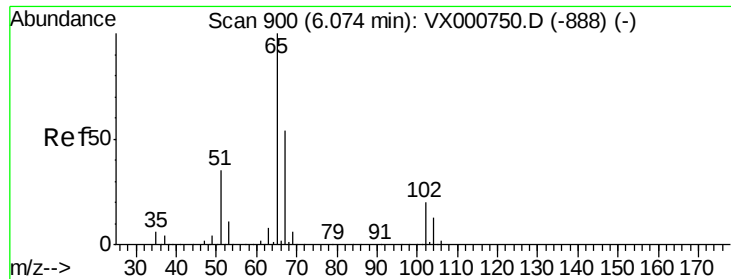
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 44.0 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 45.33 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

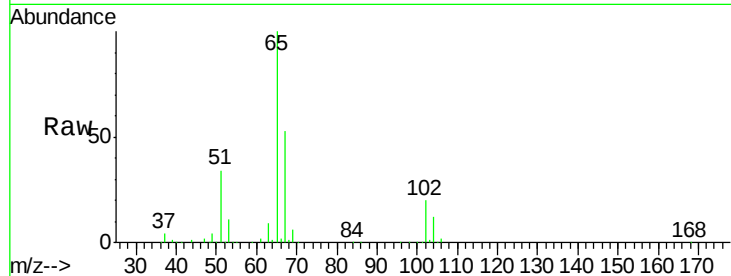
VX0417MBSD01

Tot Ion: 65 Resp: 142645

Ion Ratio Lower Upper

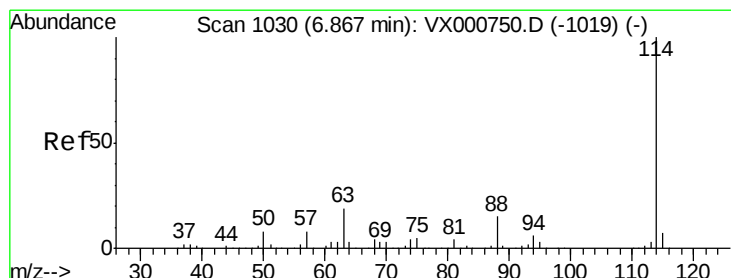
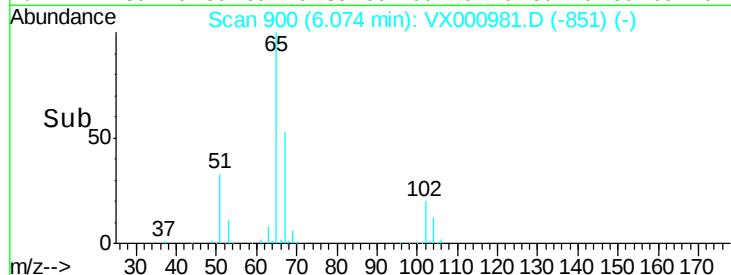
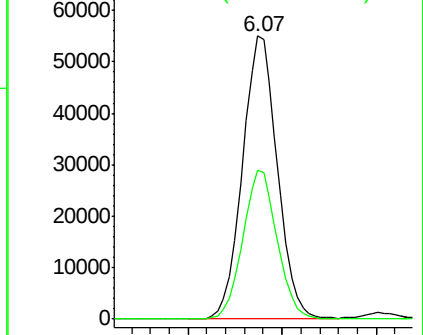
65 100

67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

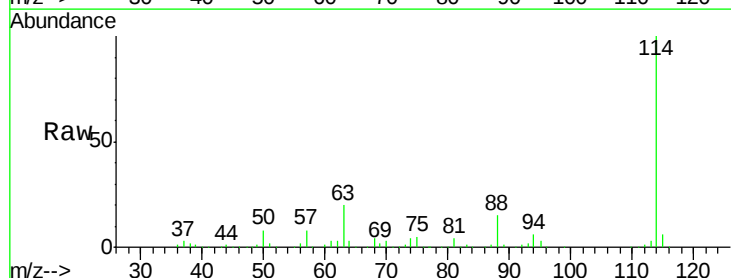
Tgt Ion: 114 Resp: 344401

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

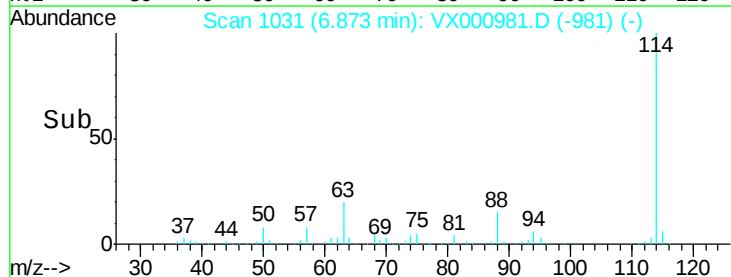
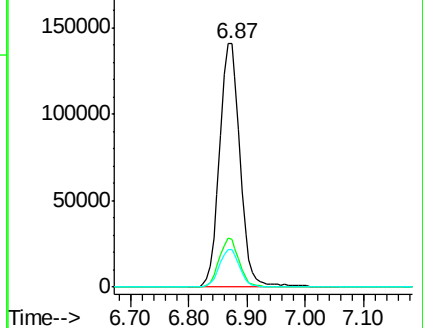
88 15.2 0.0 31.0

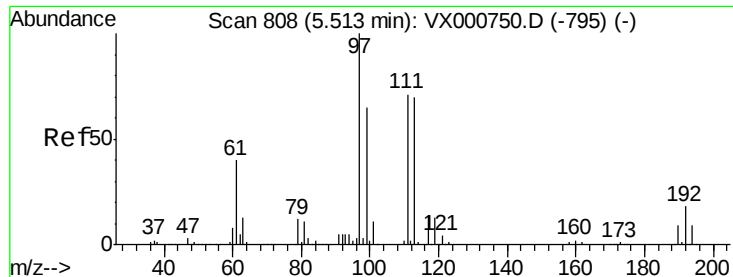


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.88 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

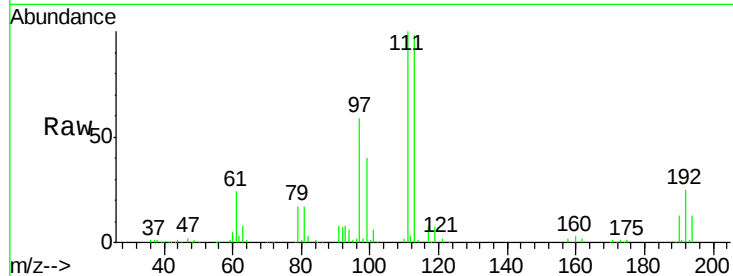
Tot Ion:113 Resp: 116431

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

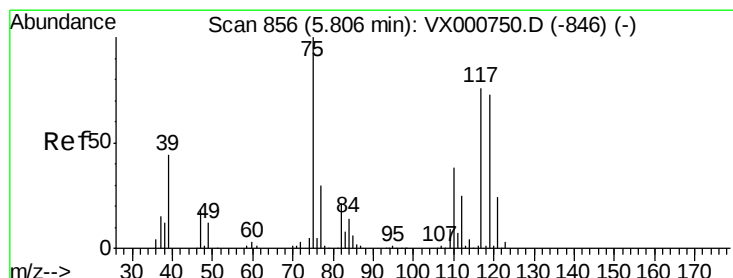
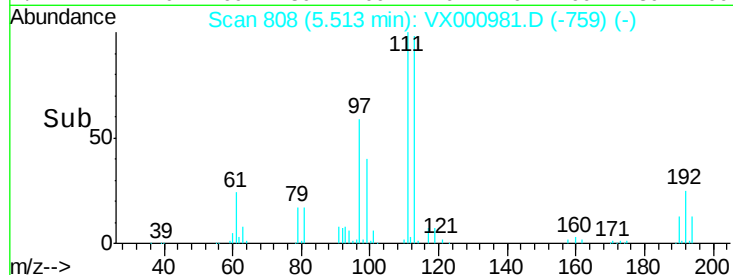
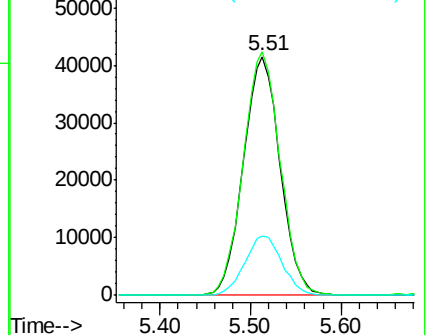
192 25.4 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.53 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

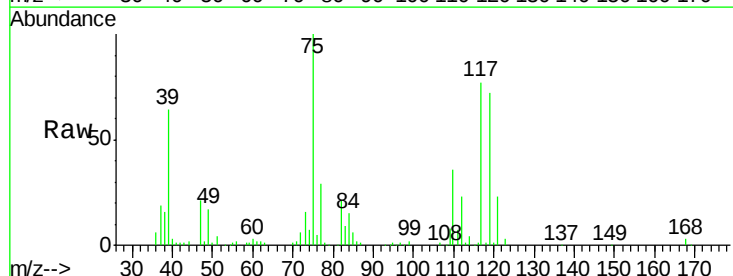
Tgt Ion: 75 Resp: 66487

Ion Ratio Lower Upper

75 100

110 37.7 19.2 57.6

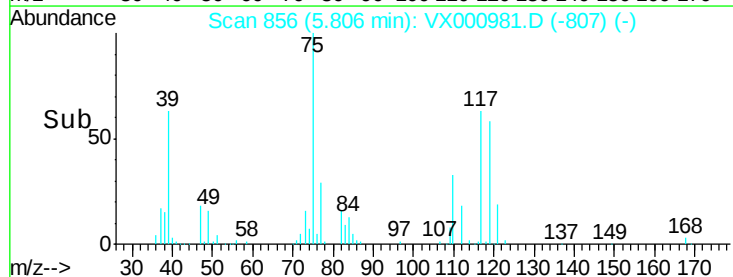
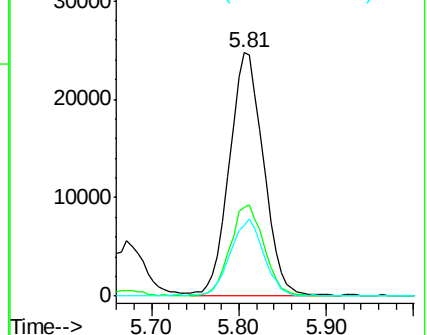
77 30.7 25.4 38.2

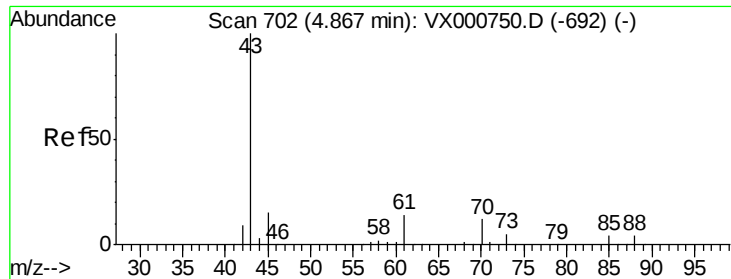


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

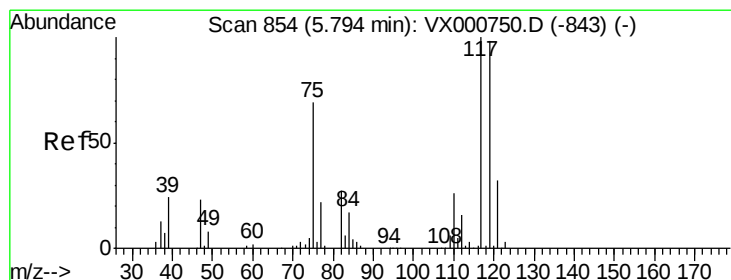
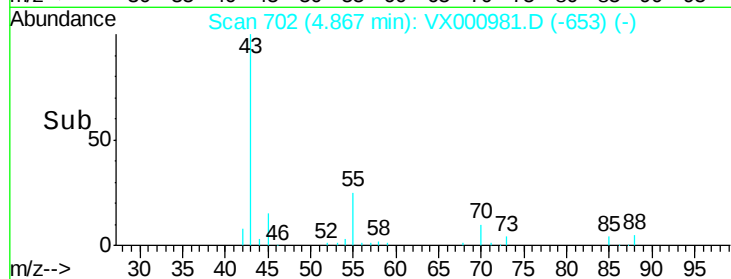
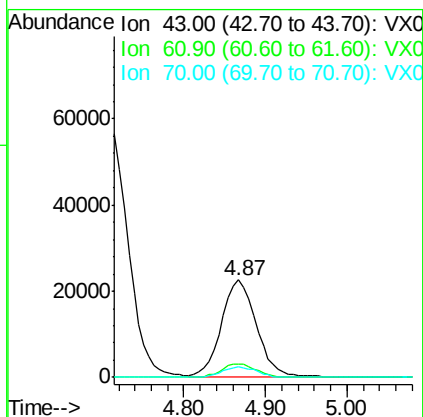
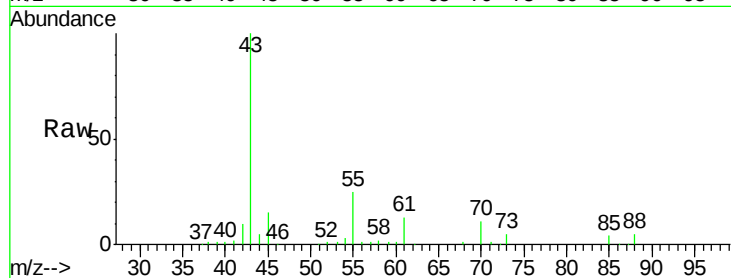




#37
Ethyl Acetate
Concen: 18.00 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

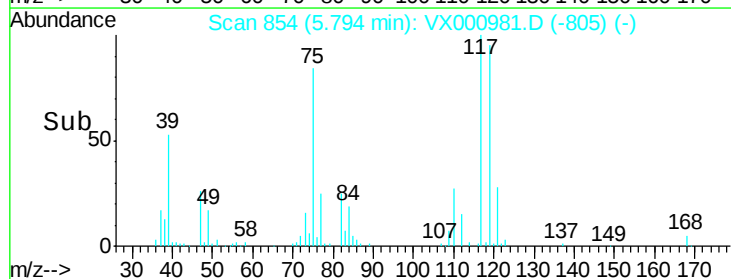
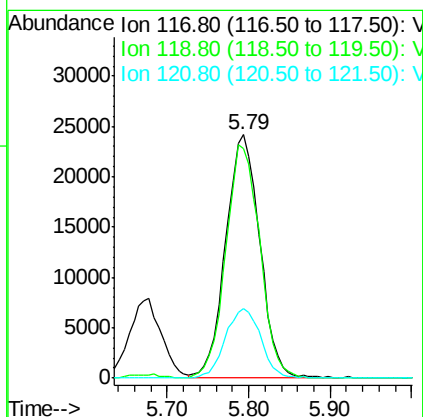
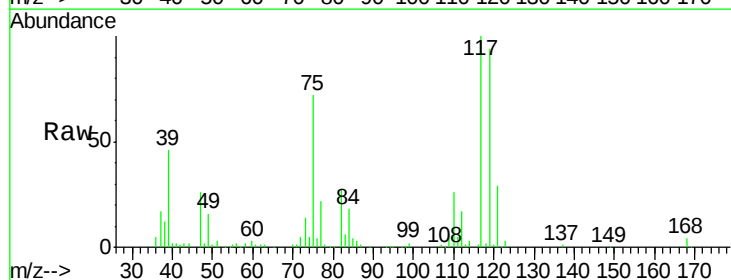
Instrument :
MSVOA_X
ClientSampleID :
VX0417MBSD01

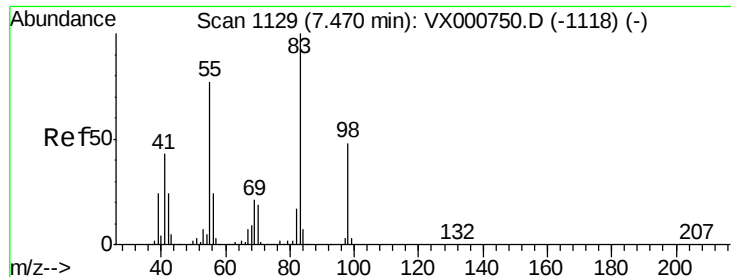
Tot Ion: 43 Resp: 66664
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 16.50 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 117 Resp: 70050
Ion Ratio Lower Upper
117 100
119 94.2 78.4 117.6
121 28.7 25.4 38.0

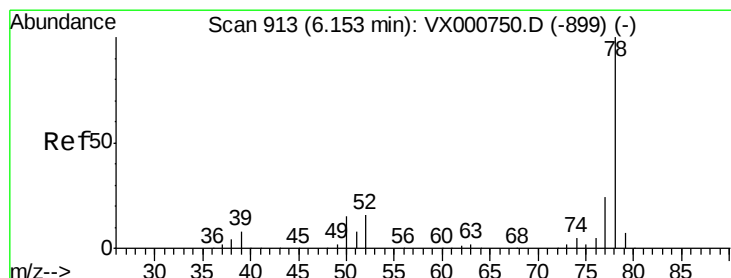
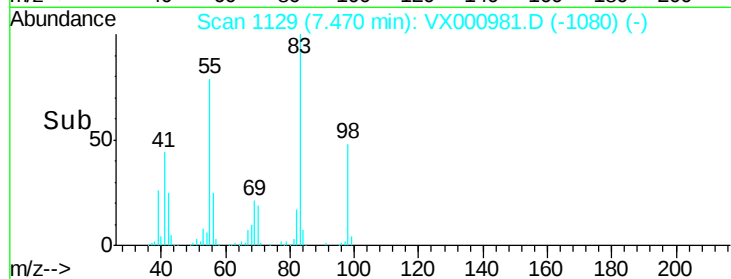
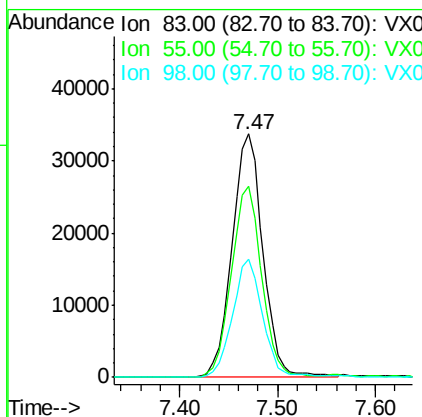
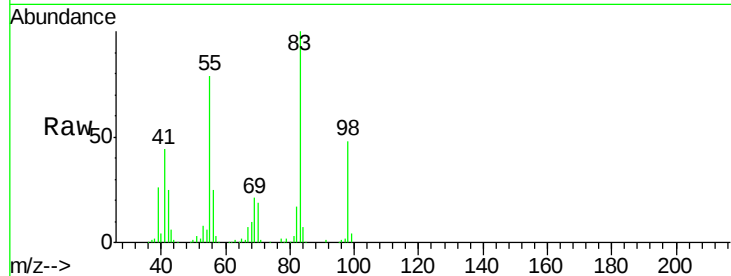




#39
Methvlcvclohexane
Concen: 16.25 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

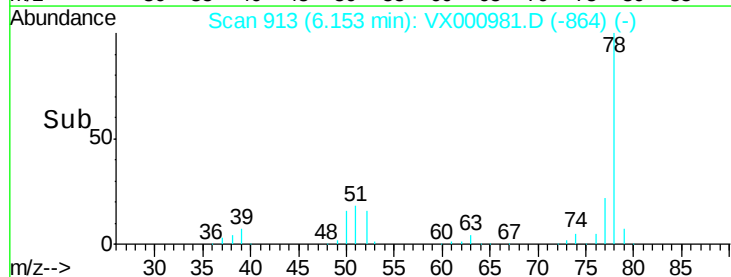
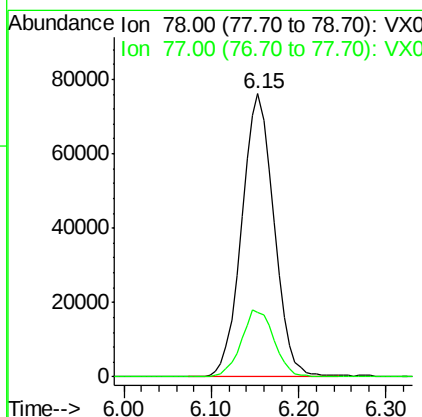
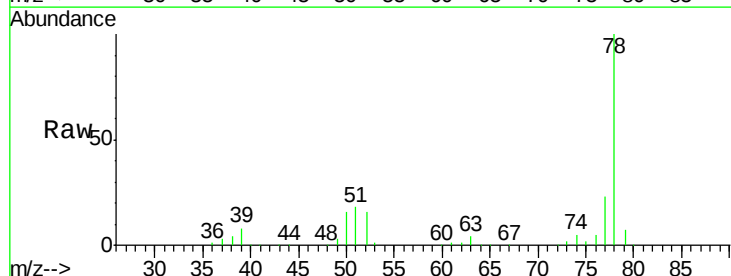
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

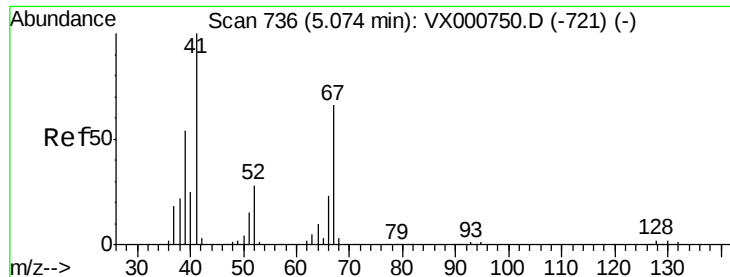
Tot Ion: 83 Resp: 74003
Ion Ratio Lower Upper
83 100
55 78.6 61.5 92.3
98 48.3 38.1 57.1



#40
Benzene
Concen: 18.53 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 78 Resp: 195308
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6

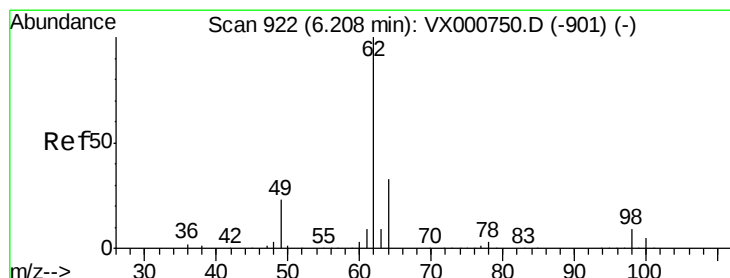
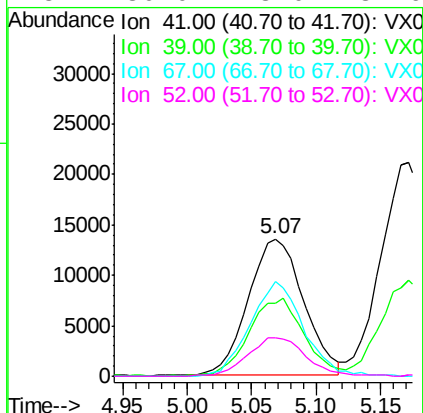
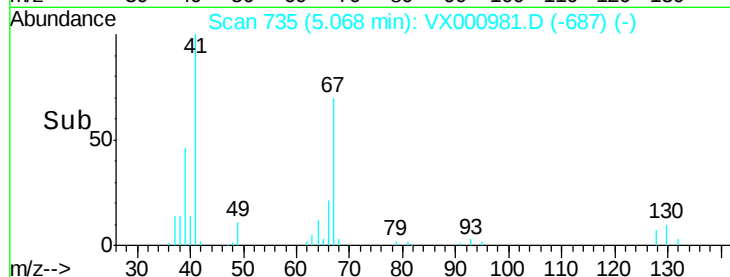
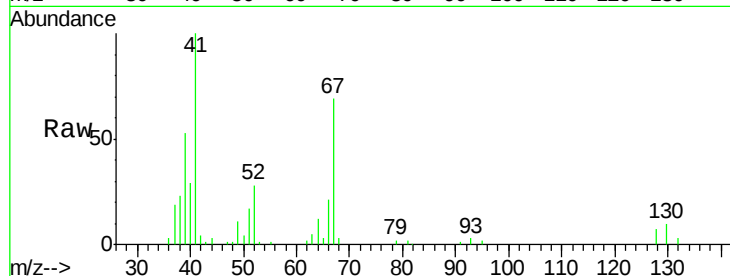




#41
Methacrylonitrile
Concen: 18.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

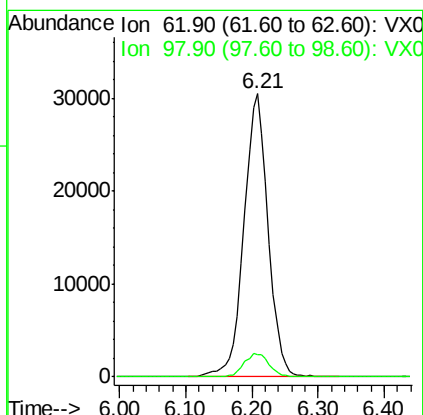
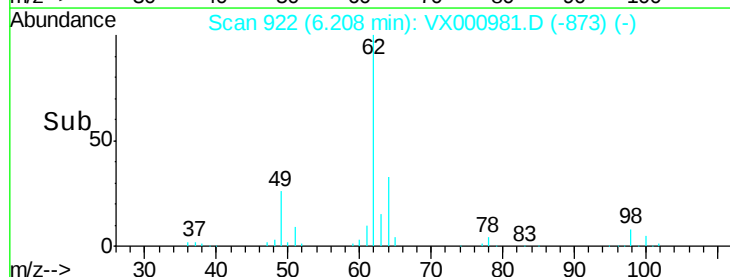
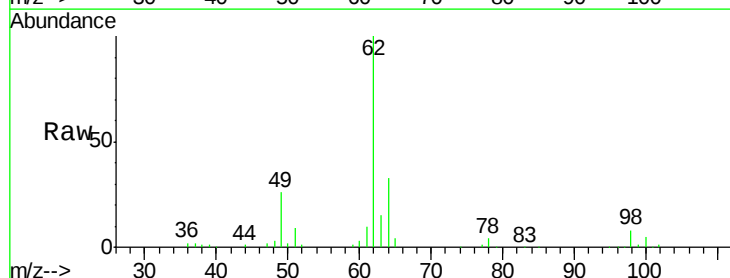
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

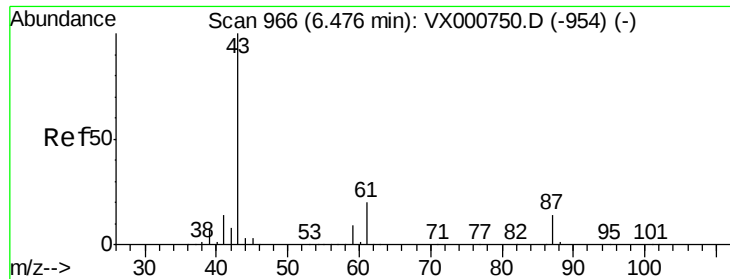
Tot Ion:	41	Resp:	40321
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.9	67.3
67	66.8	54.7	82.1
52	30.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.53 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion:	62	Resp:	76879
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.64 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

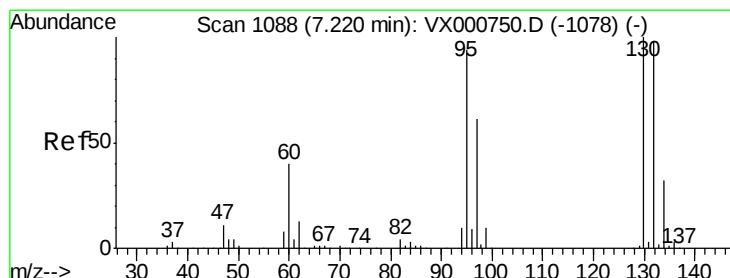
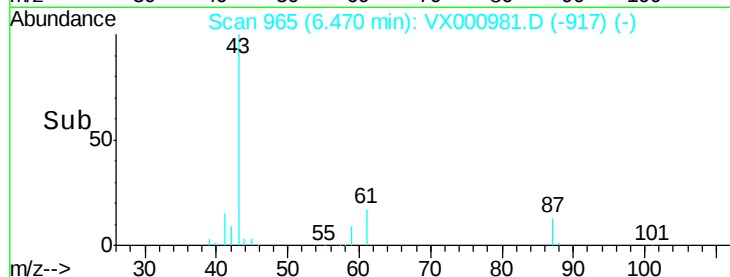
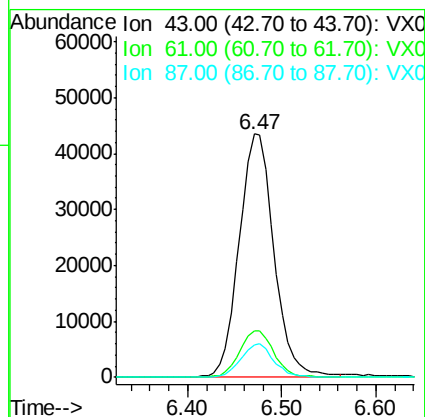
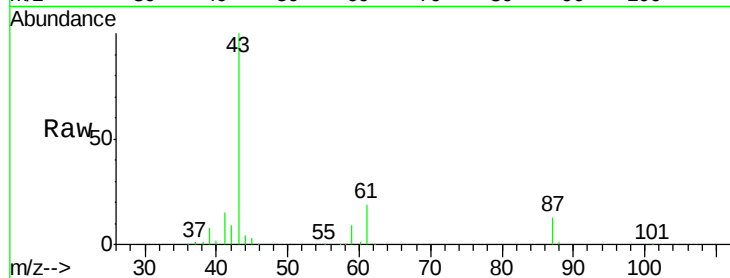
Tot Ion: 43 Resp: 111993

Ion Ratio Lower Upper

43 100

61 19.3 15.6 23.4

87 13.0 10.7 16.1



#44

Trichloroethene

Concen: 17.95 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000981.D

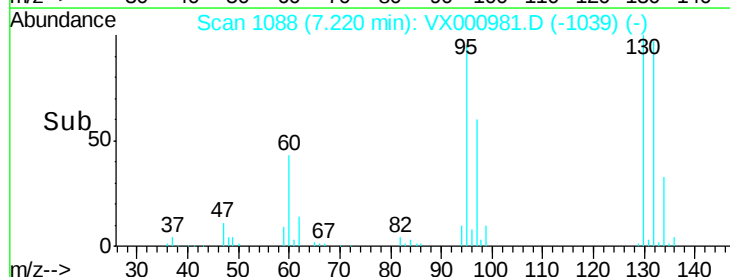
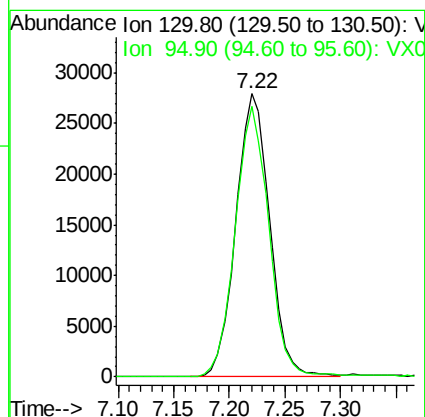
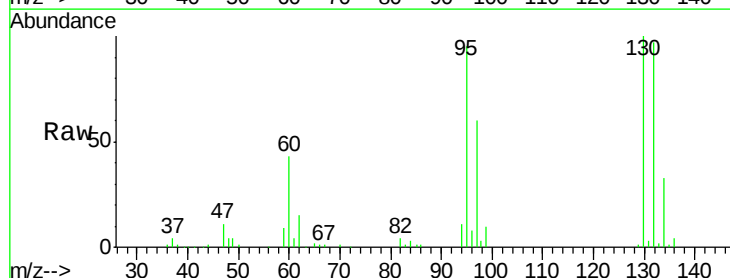
Acq: 17 Apr 2018 22:22

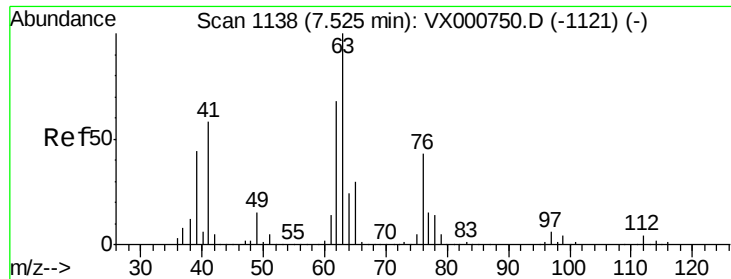
Tgt Ion:130 Resp: 58835

Ion Ratio Lower Upper

130 100

95 95.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.14 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

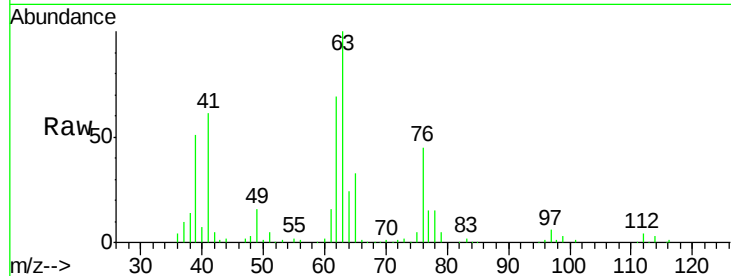
VX0417MBSD01

Tot Ion: 63 Resp: 51361

Ion Ratio Lower Upper

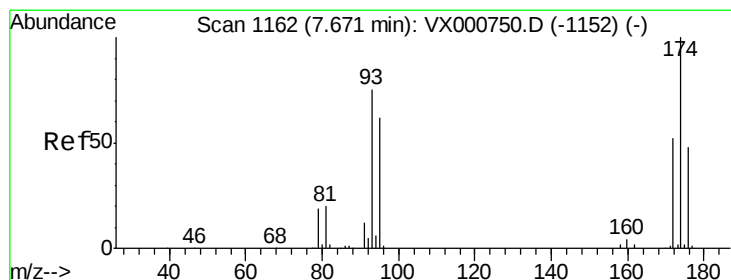
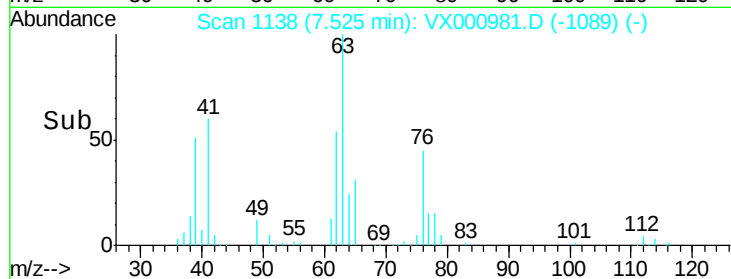
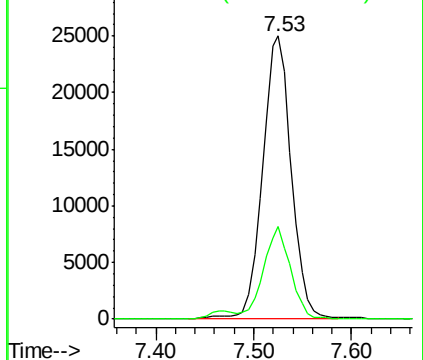
63 100

65 32.4 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.71 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

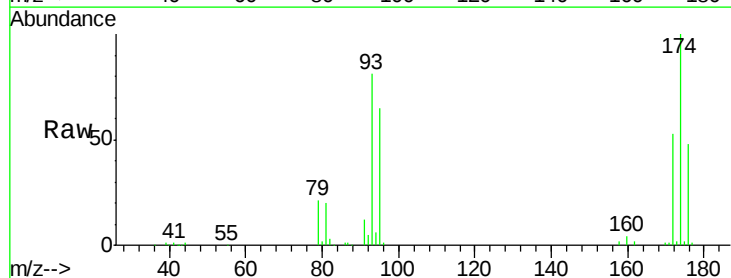
Tgt Ion: 93 Resp: 34999

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

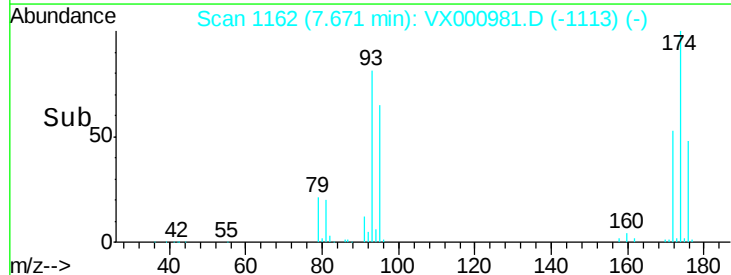
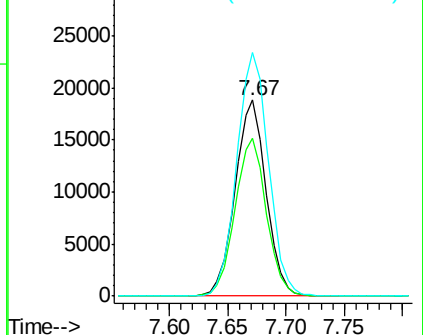
174 127.3 104.5 156.7

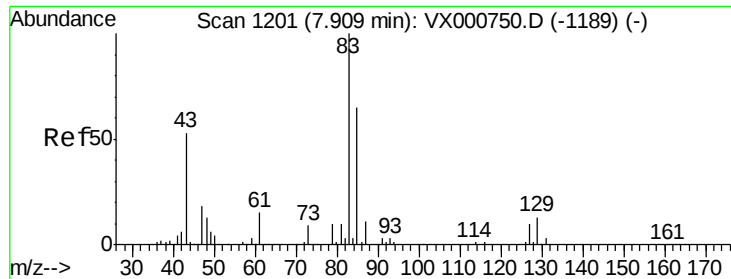


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

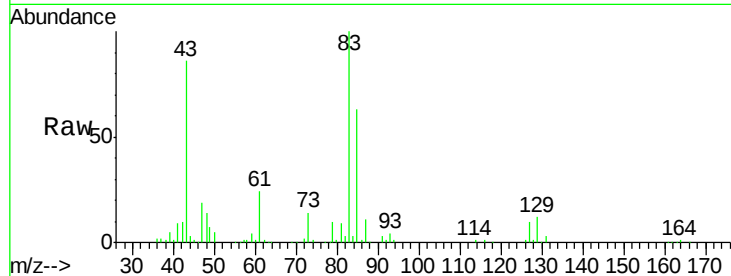
Tot Ion: 83 Resp: 65276

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.4

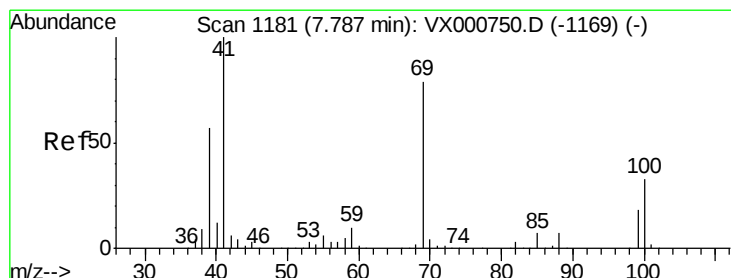
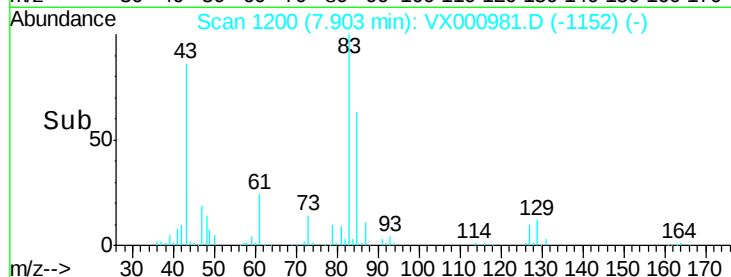
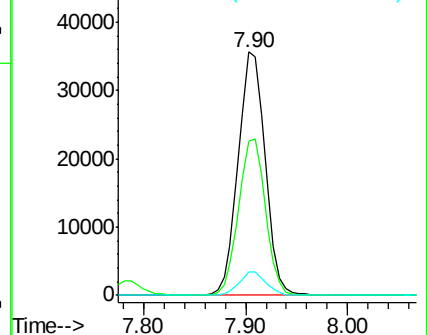
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.31 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

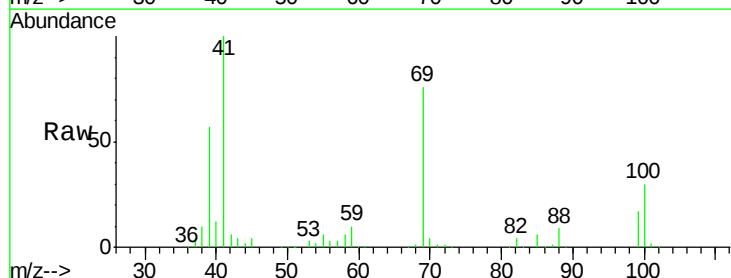
Tgt Ion: 41 Resp: 60249

Ion Ratio Lower Upper

41 100

69 79.3 63.9 95.9

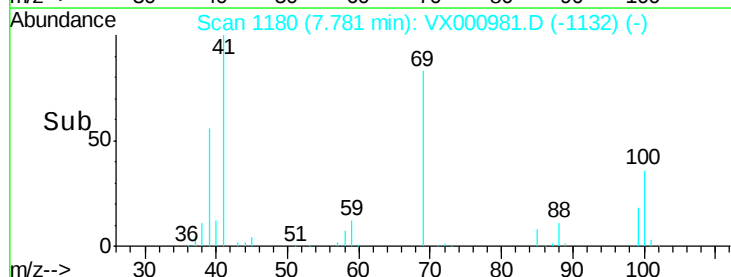
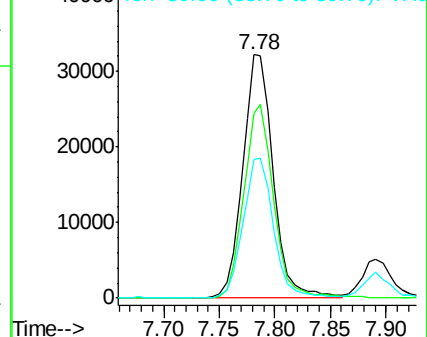
39 58.8 45.9 68.9

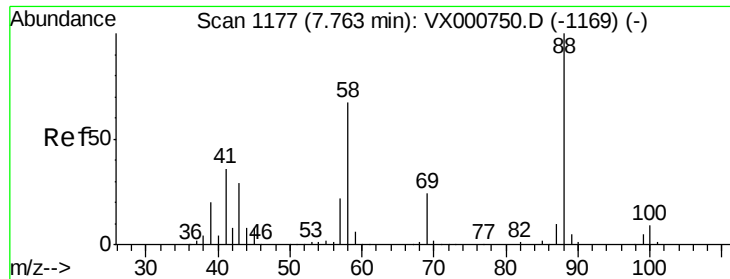


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

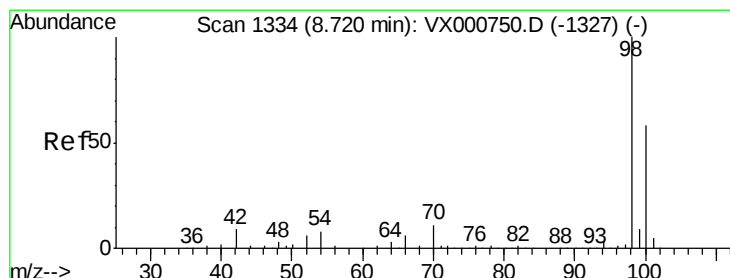
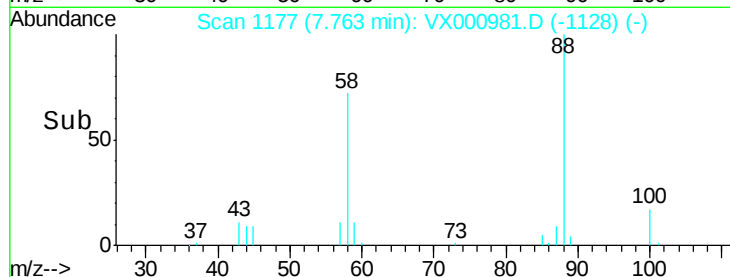
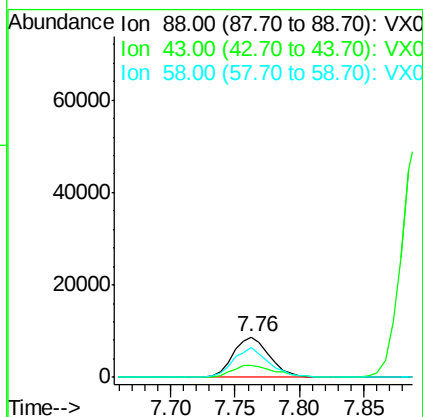
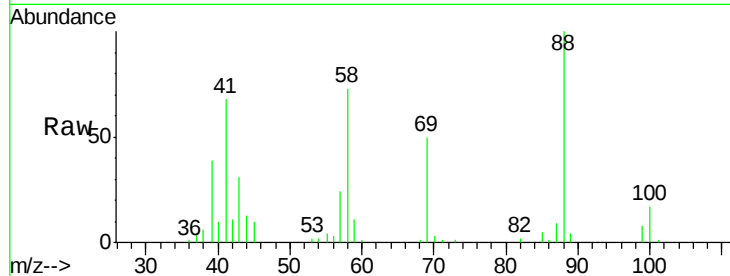




#49
1,4-Dioxane
Concen: 257.80 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

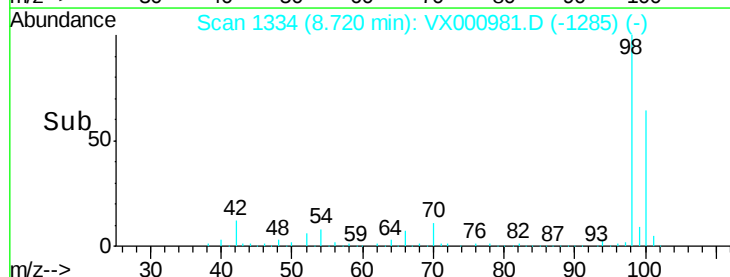
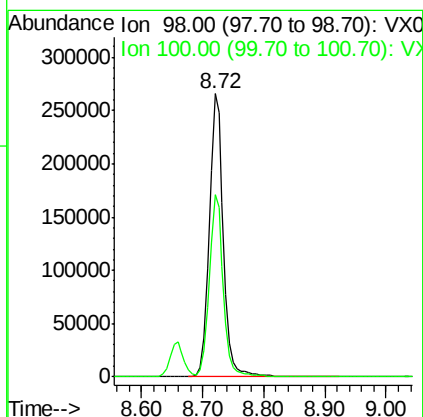
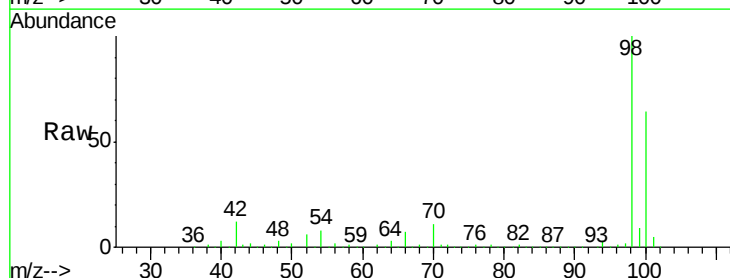
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

Tot Ion: 88 Resp: 17048
Ion Ratio Lower Upper
88 100
43 35.8 25.8 38.8
58 72.0 54.4 81.6



#50
Toluene-d8
Concen: 43.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 98 Resp: 432854
Ion Ratio Lower Upper
98 100
100 63.9 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 95.06 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

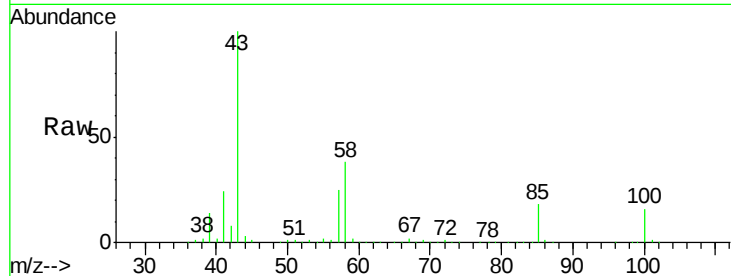
VX0417MBSD01

Tot Ion: 43 Resp: 354468

Ion Ratio Lower Upper

43 100

58 36.9 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

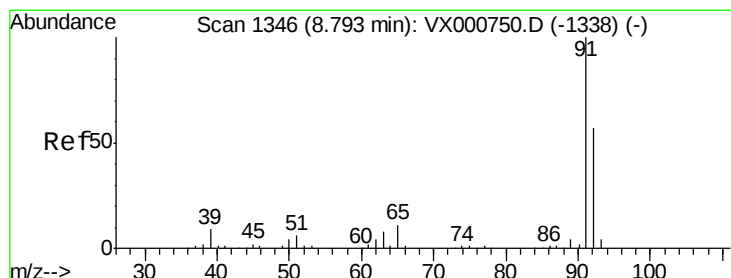
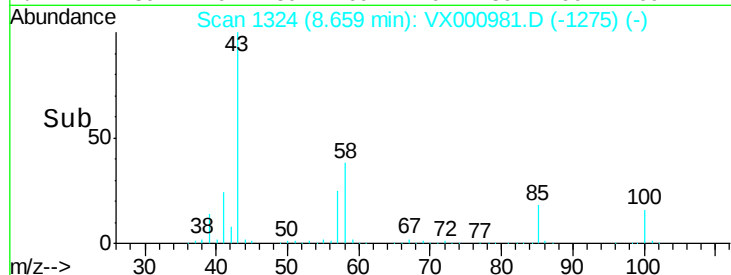
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.73 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000981.D

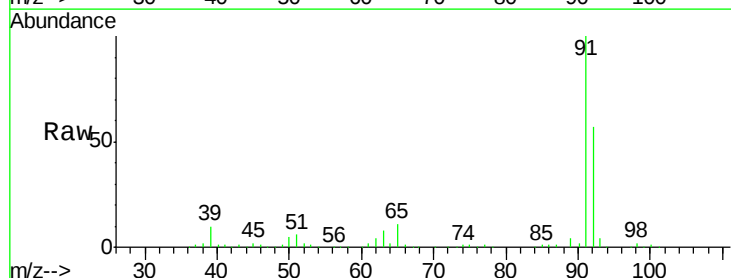
Acq: 17 Apr 2018 22:22

Tgt Ion: 92 Resp: 130929

Ion Ratio Lower Upper

92 100

91 172.4 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

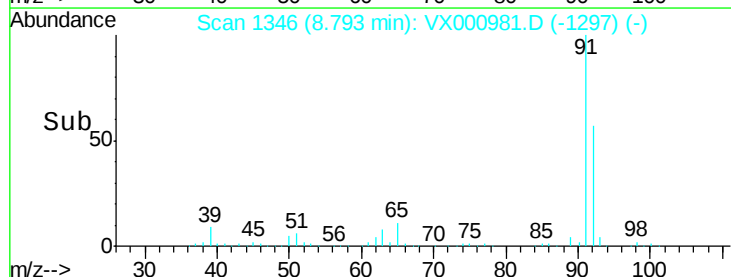
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.91 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

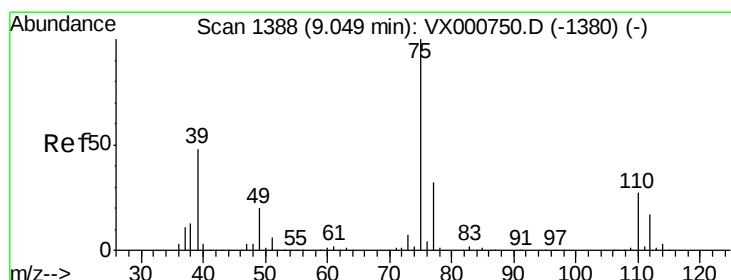
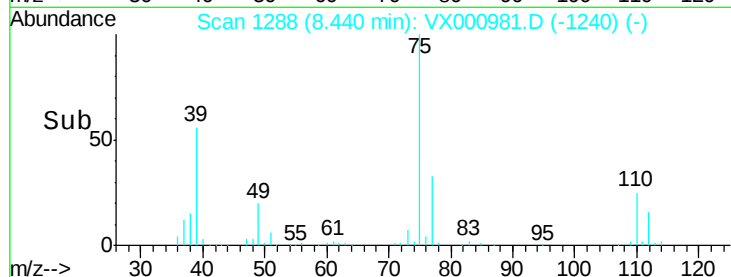
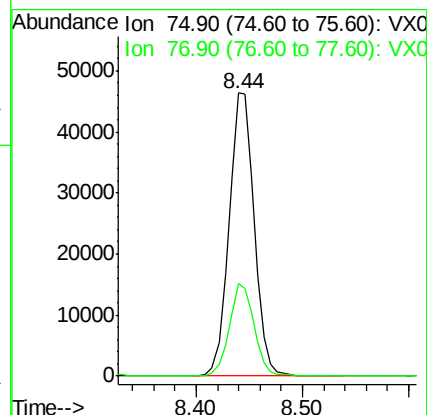
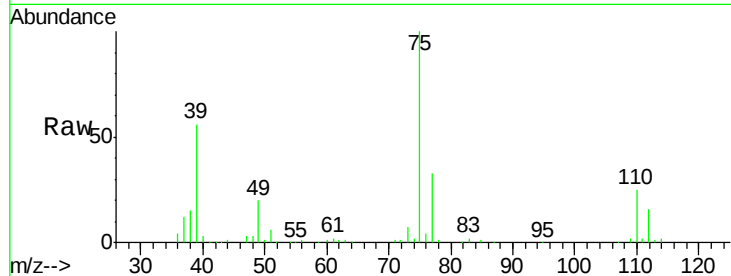
VX0417MBSD01

Tot Ion: 75 Resp: 76597

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.17 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

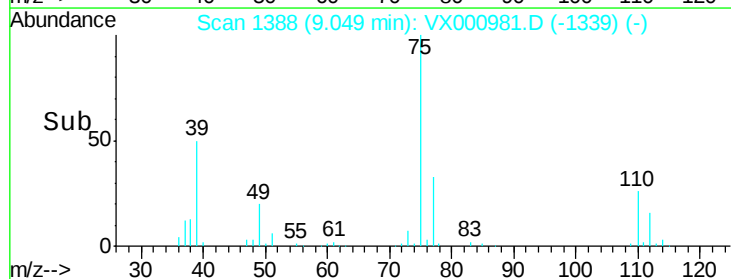
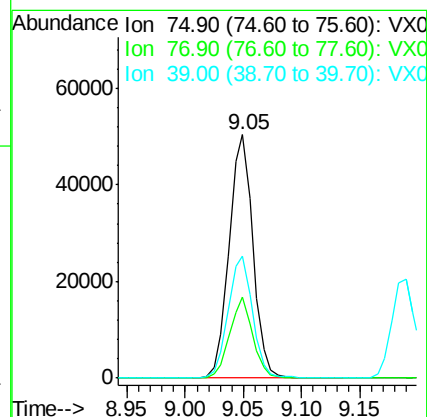
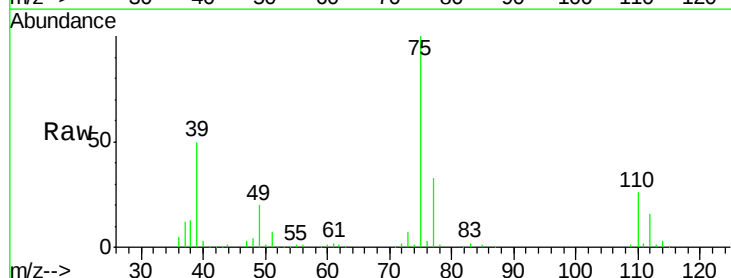
Tgt Ion: 75 Resp: 71305

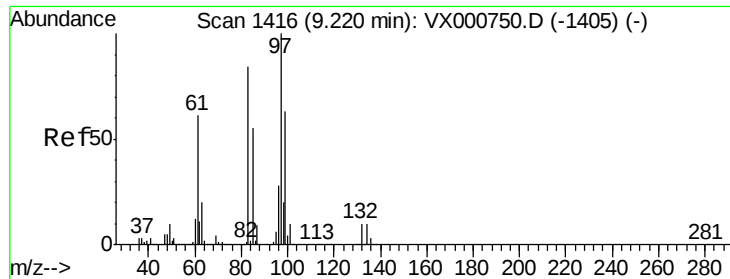
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

39 49.9 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 19.29 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

Tot Ion: 97 Resp: 53532

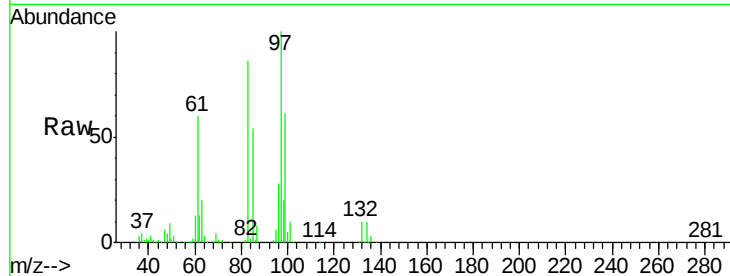
Ion Ratio Lower Upper

97 100

83 85.6 67.6 101.4

85 54.2 43.8 65.6

99 61.3 50.2 75.4

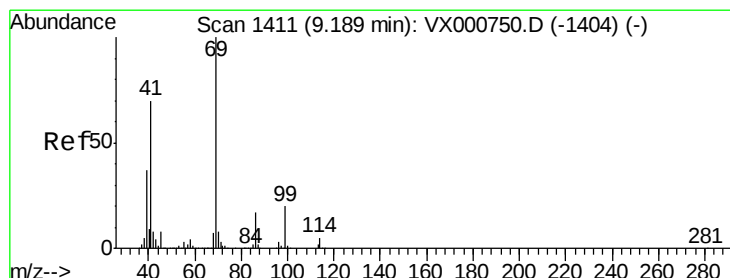
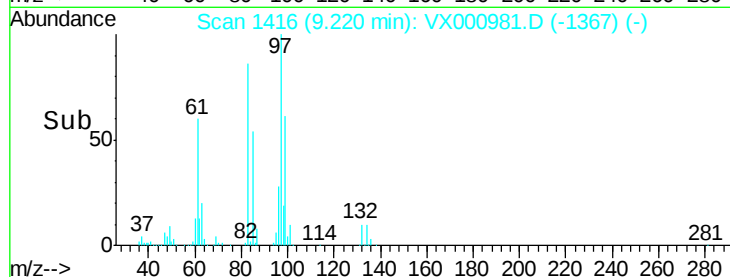
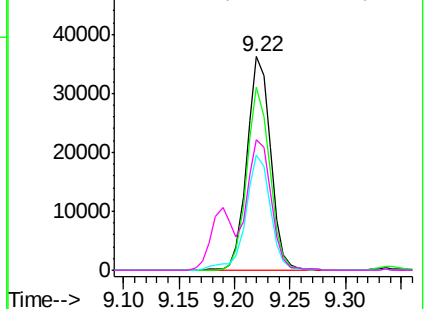


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.09 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

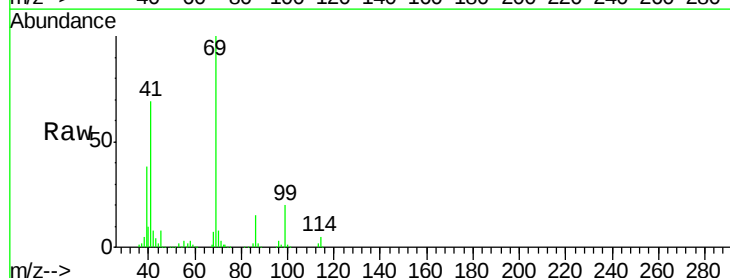
Tgt Ion: 69 Resp: 77456

Ion Ratio Lower Upper

69 100

41 70.0 55.6 83.4

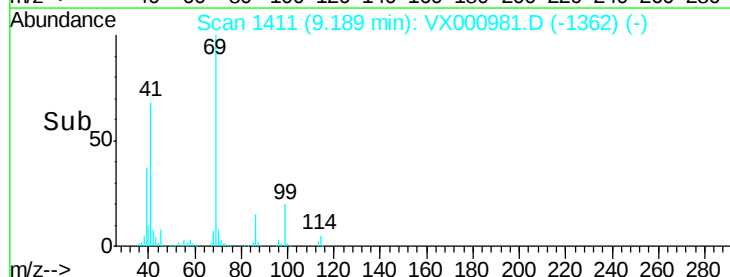
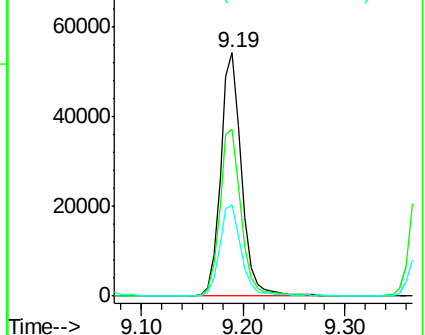
39 38.6 30.3 45.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.56 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

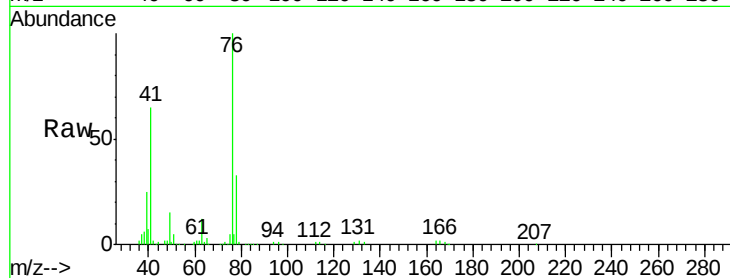
VX0417MBSD01

Tot Ion: 76 Resp: 86335

Ion Ratio Lower Upper

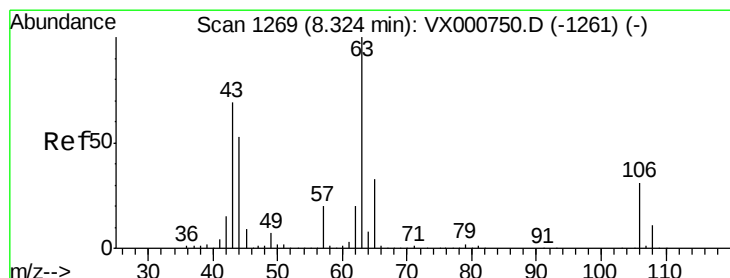
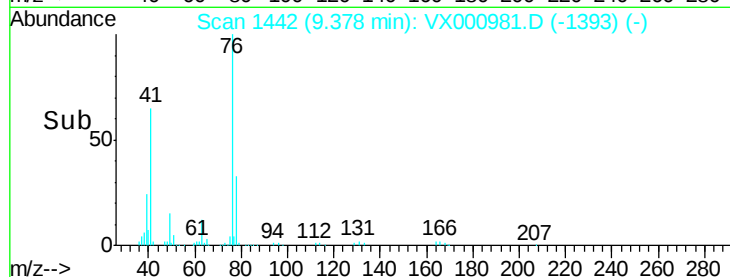
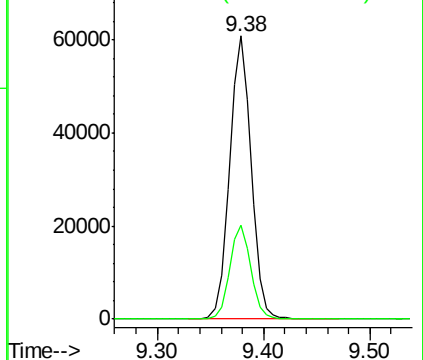
76 100

78 32.5 25.8 38.6



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: 92.19 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000981.D

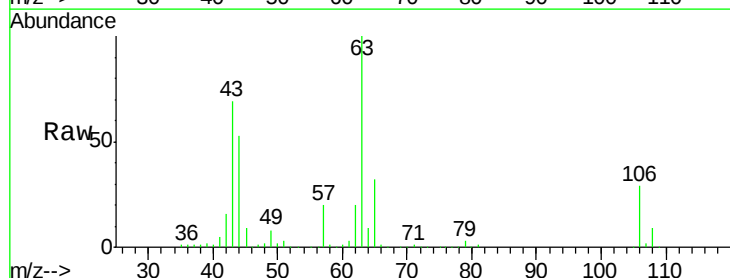
Acq: 17 Apr 2018 22:22

Tgt Ion: 63 Resp: 184434

Ion Ratio Lower Upper

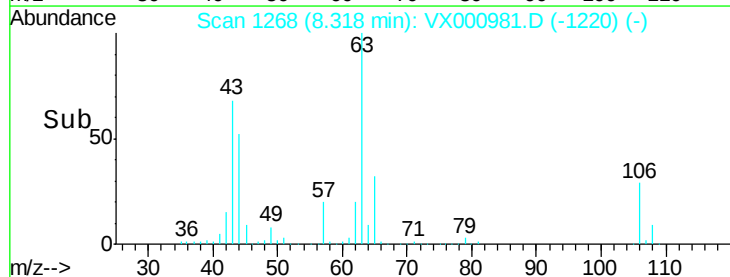
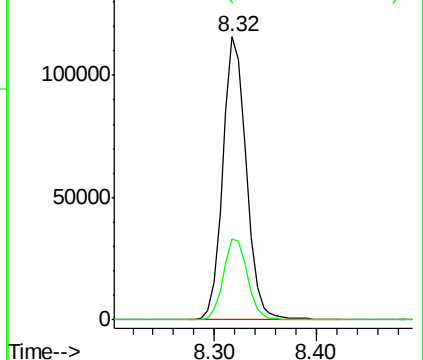
63 100

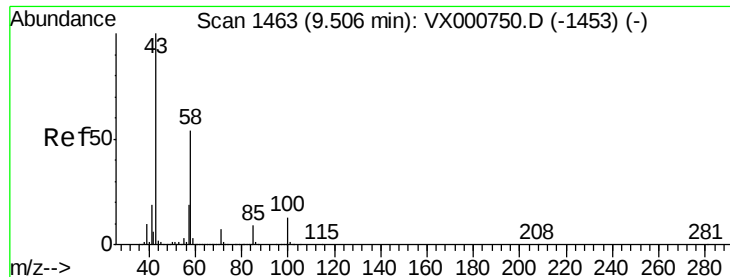
106 29.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

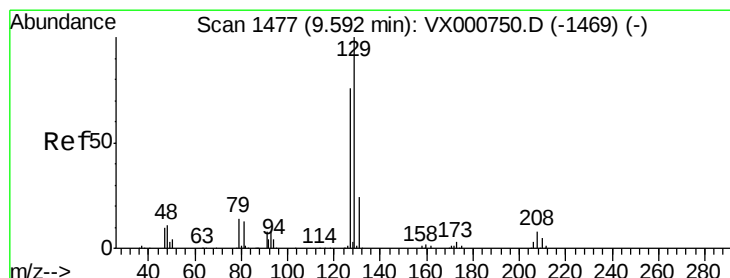
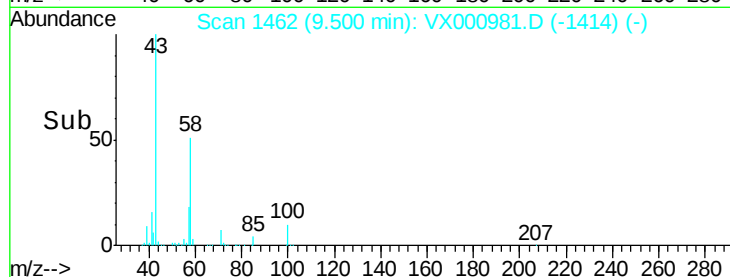
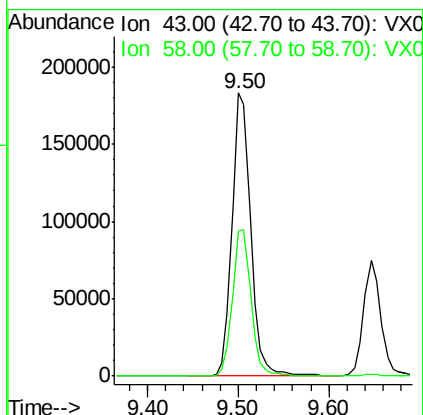
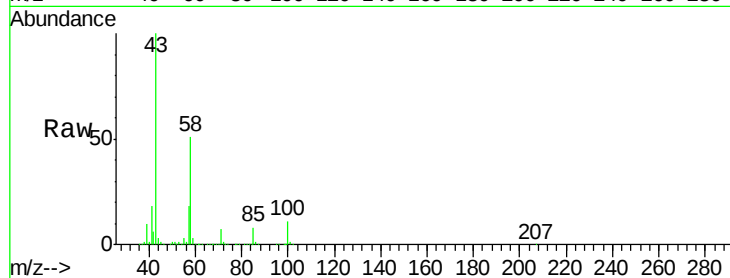




#59
2-Hexanone
Concen: 91.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

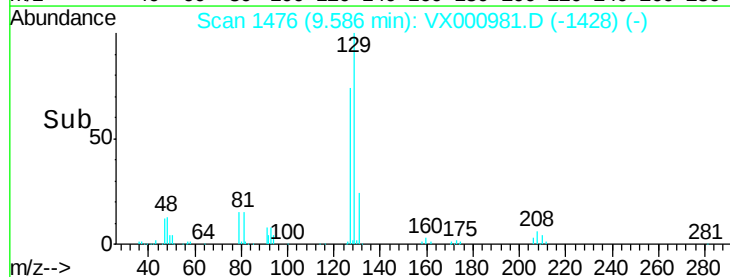
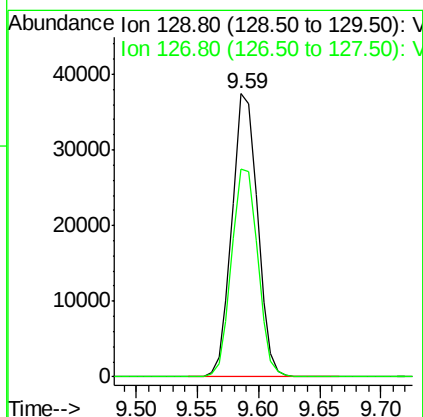
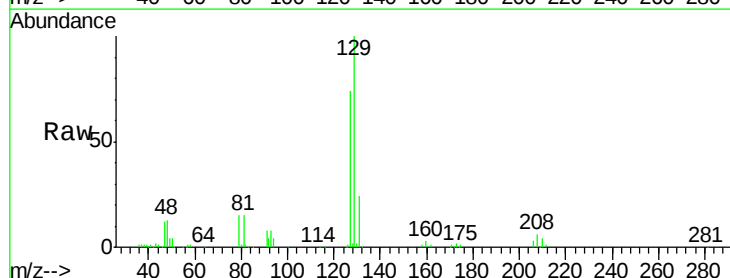
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

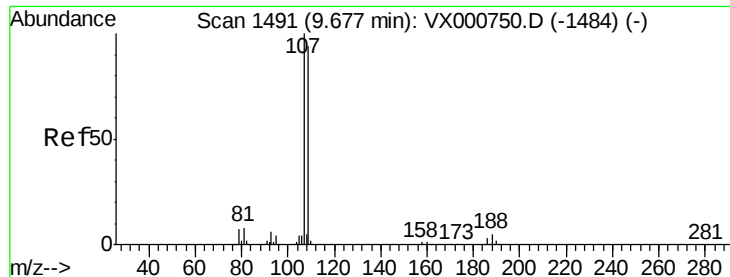
Tot Ion: 43 Resp: 263180
Ion Ratio Lower Upper
43 100
58 51.7 26.5 79.5



#60
Dibromochloromethane
Concen: 16.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 129 Resp: 54200
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

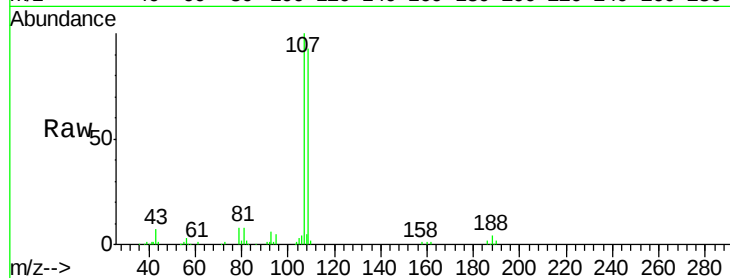
VX0417MBSD01

Tot Ion:107 Resp: 55735

Ion Ratio Lower Upper

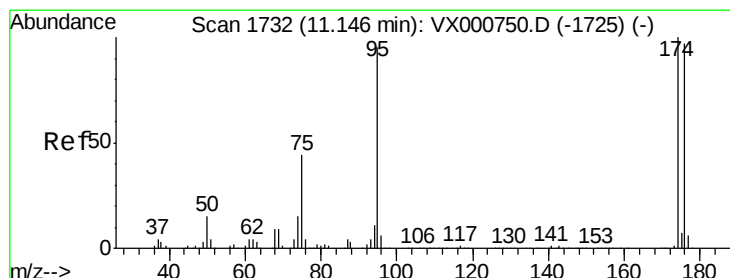
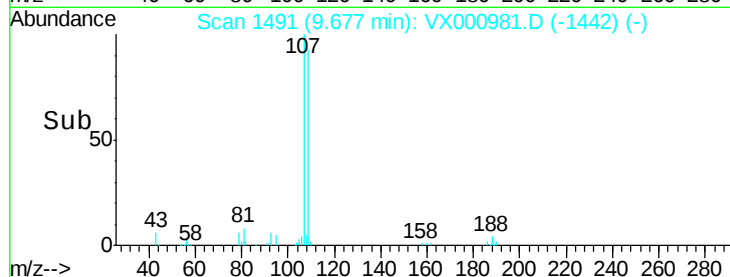
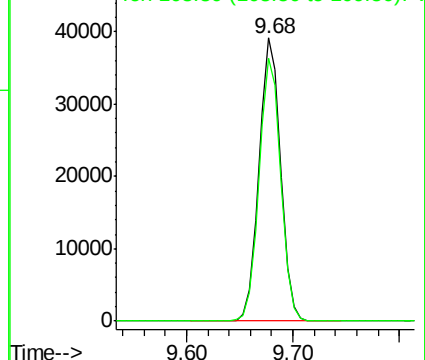
107 100

109 93.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

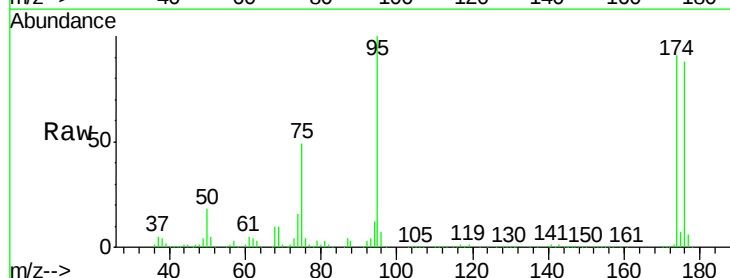
Tgt Ion: 95 Resp: 176651

Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

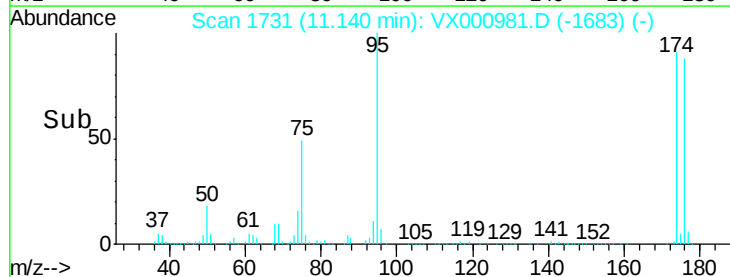
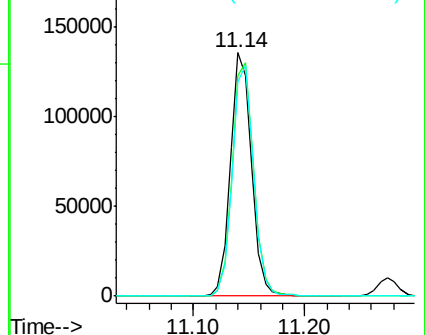
176 95.8 0.0 194.4

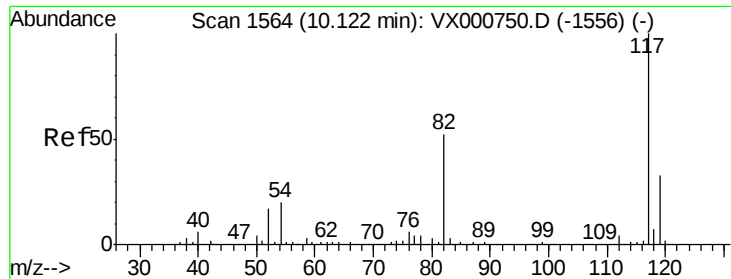


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

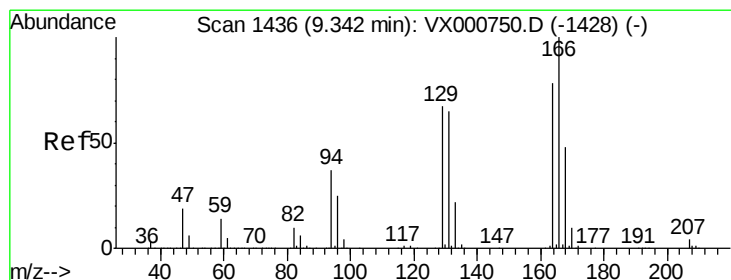
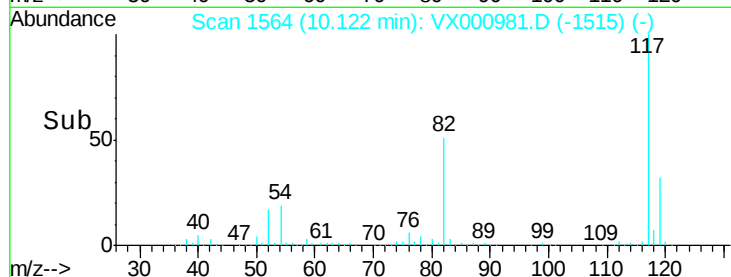
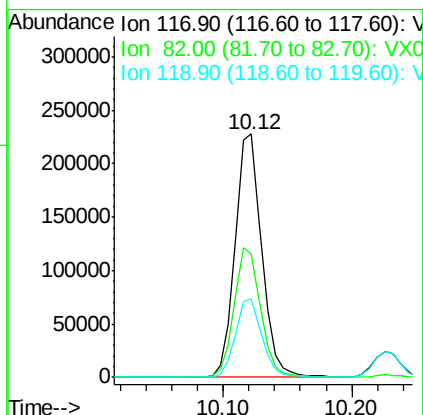
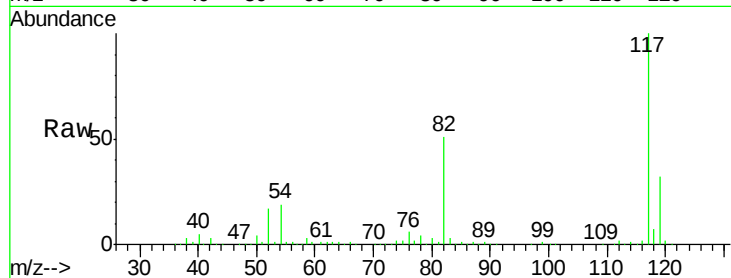




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

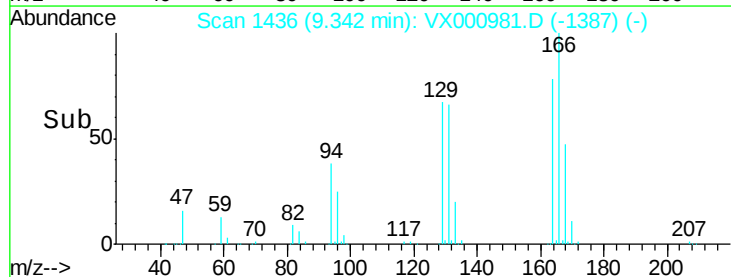
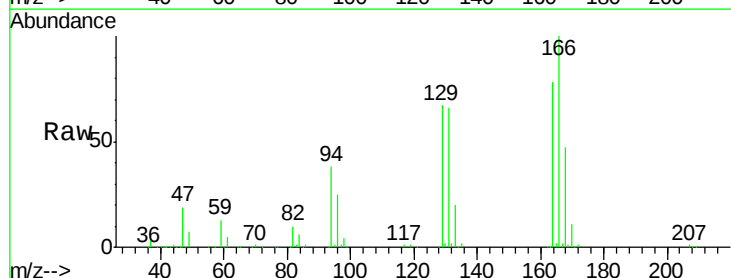
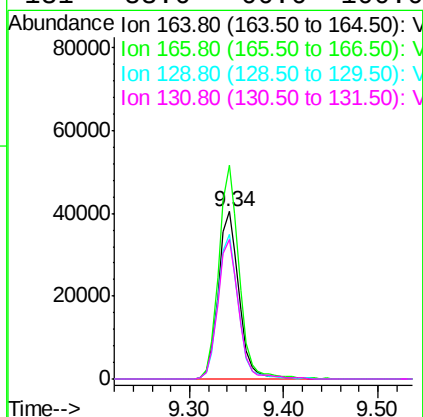
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

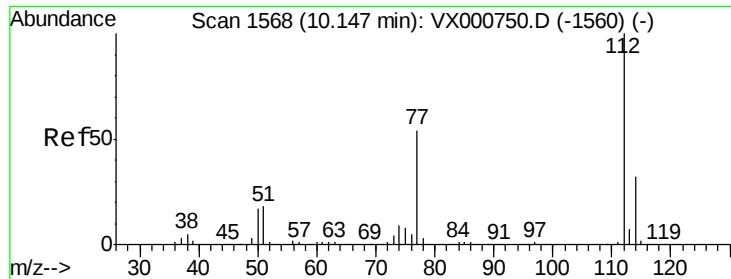
Tot Ion:117 Resp: 329297
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 19.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion:164 Resp: 61906
Ion Ratio Lower Upper
164 100
166 127.6 102.8 154.2
129 86.1 68.5 102.7
131 83.6 66.6 100.0

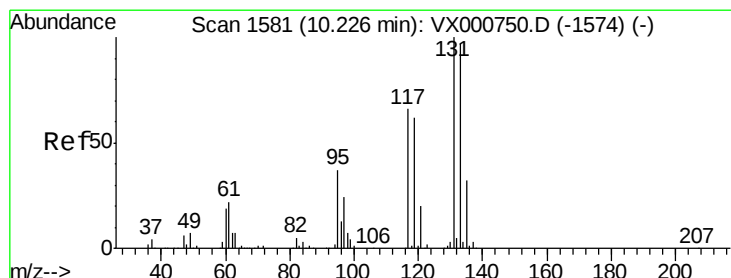
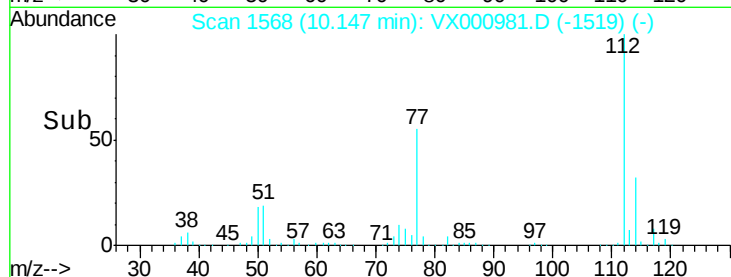
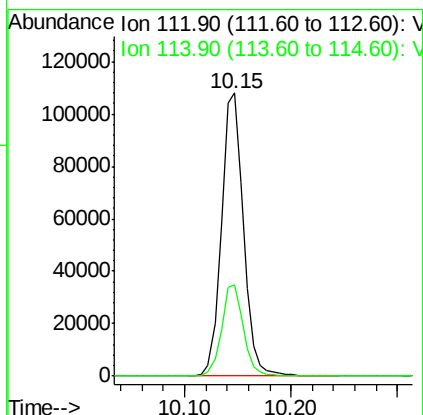
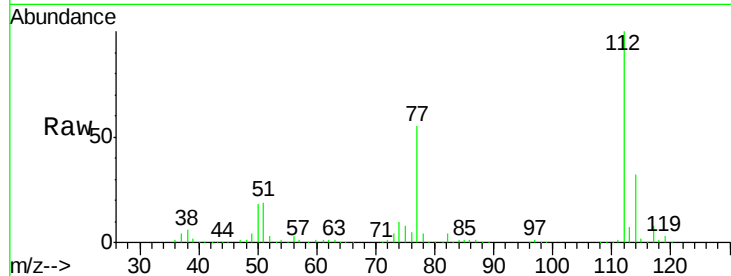




#65
Chlorobenzene
Concen: 18.83 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

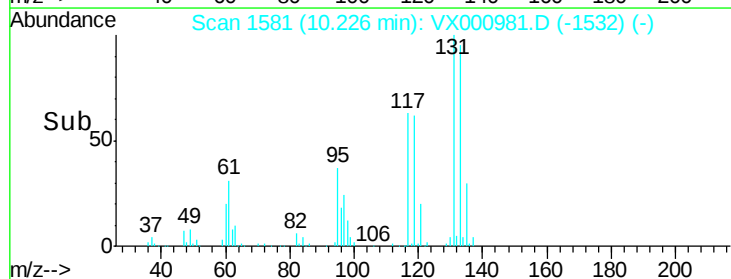
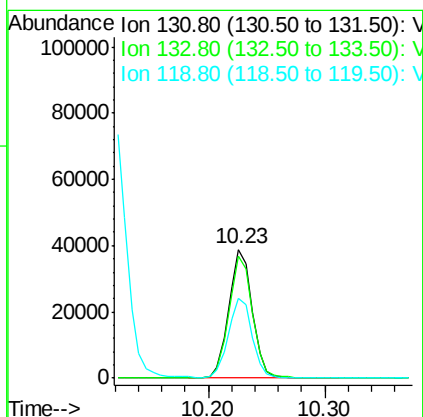
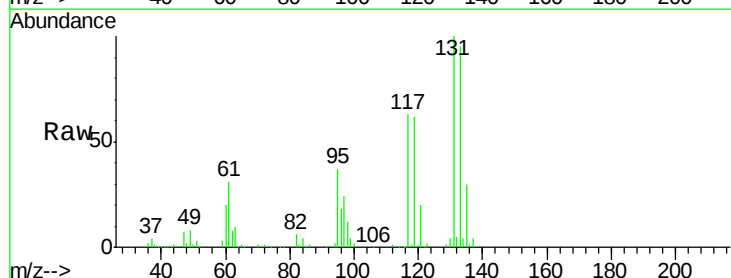
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

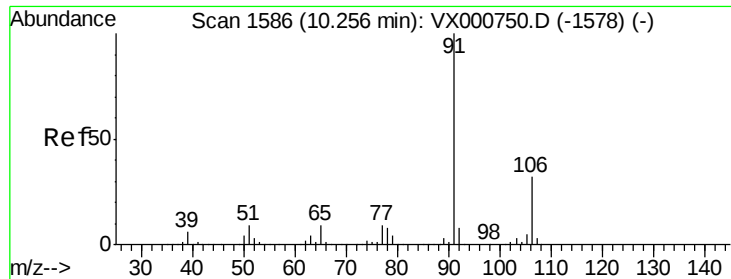
Tot Ion:112 Resp: 156020
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion:131 Resp: 54132
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.9
119 63.4 31.4 94.0

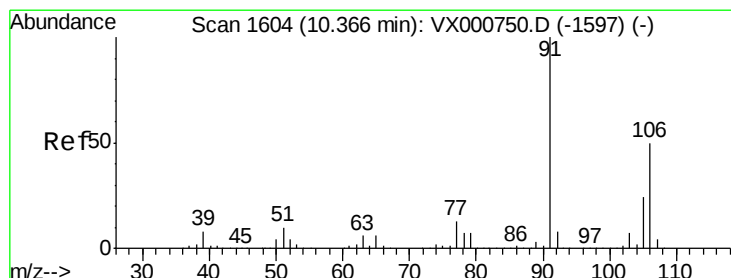
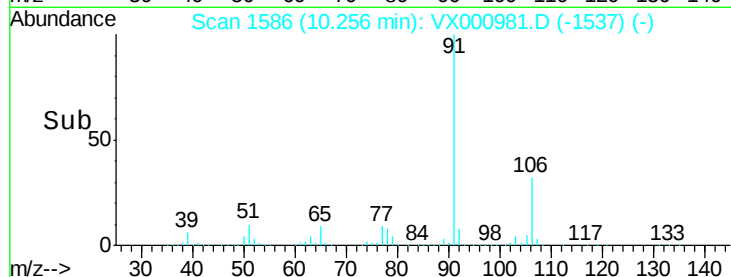
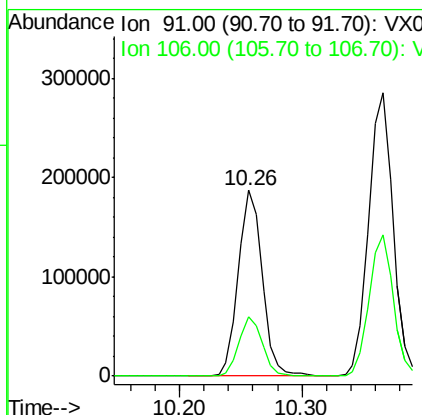
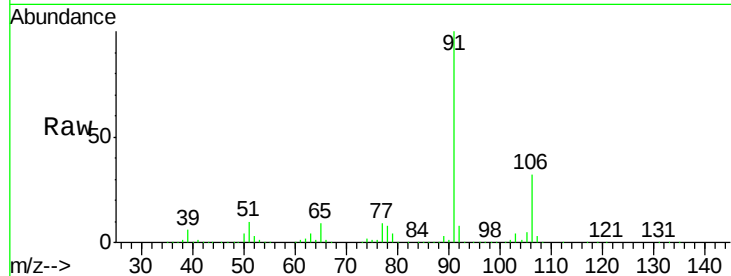




#67
Ethyl Benzene
Concen: 18.42 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

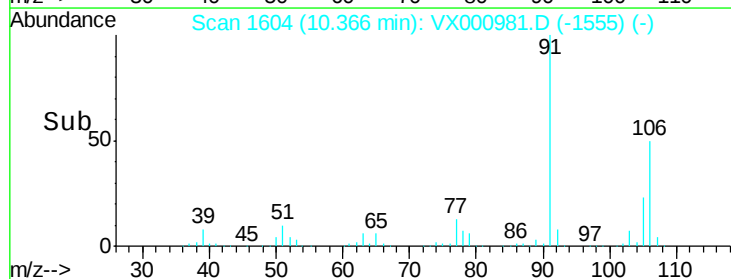
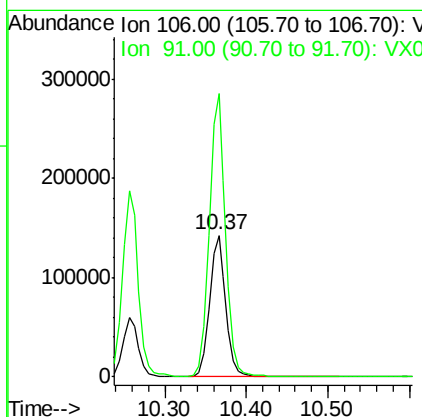
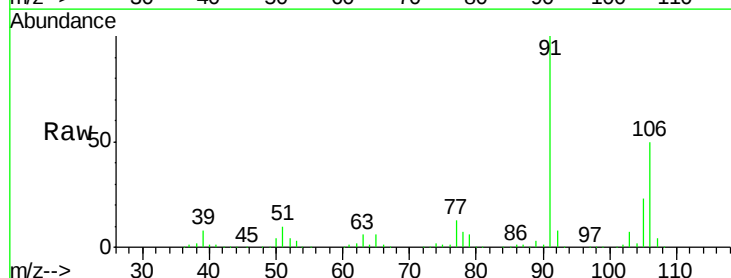
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

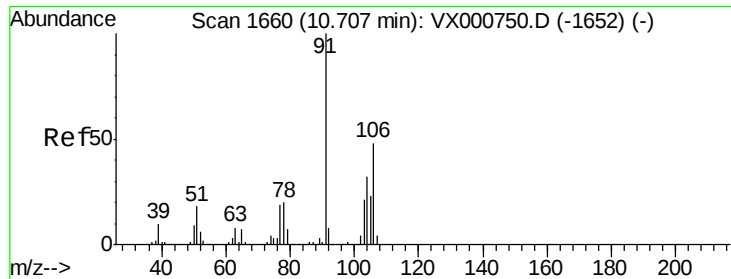
Tot Ion: 91 Resp: 254431
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 36.43 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion: 106 Resp: 198608
Ion Ratio Lower Upper
106 100
91 201.2 159.3 238.9

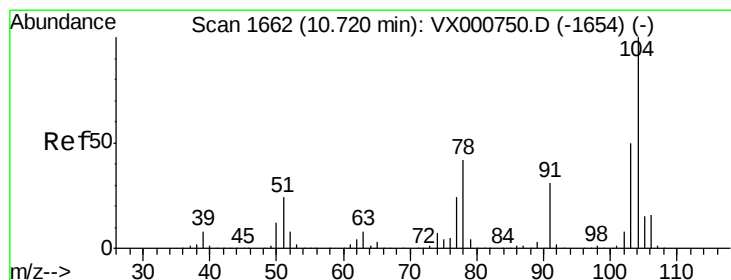
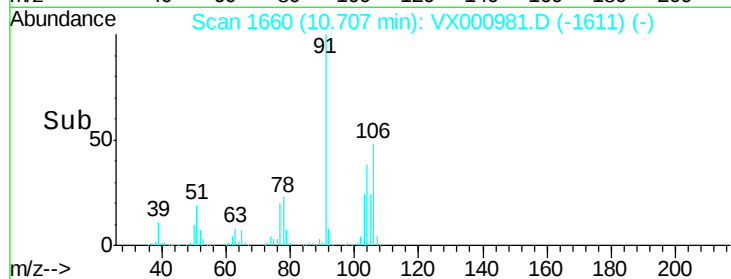
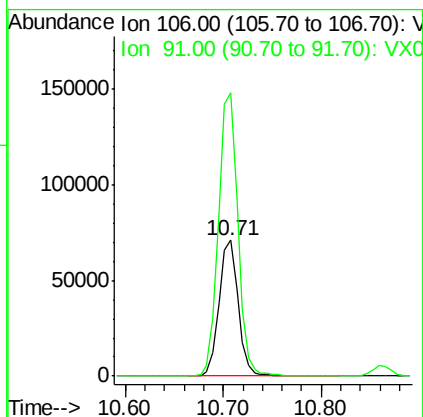
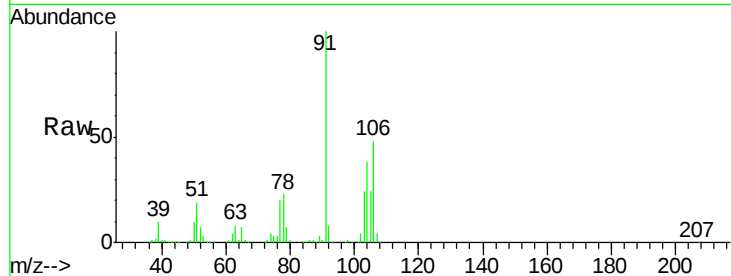




#69
o-Xylene
Concen: 18.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

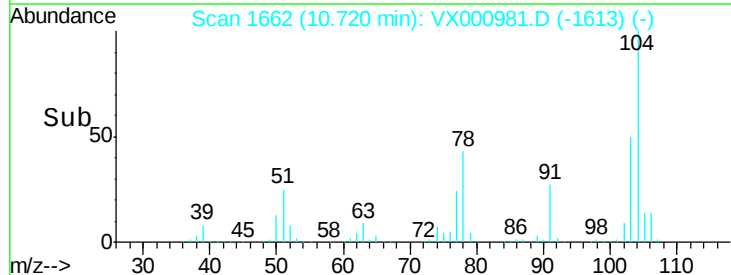
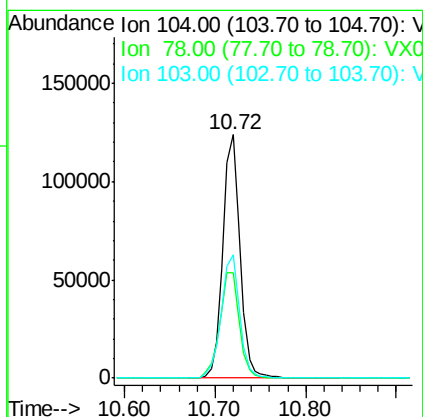
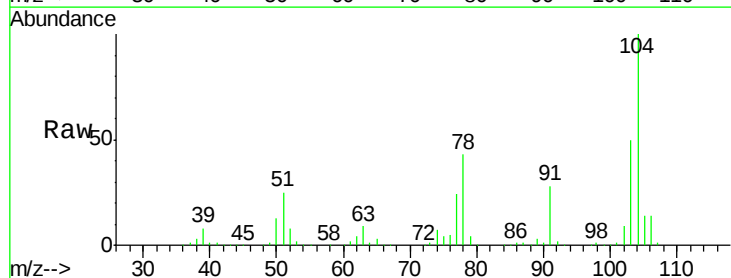
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

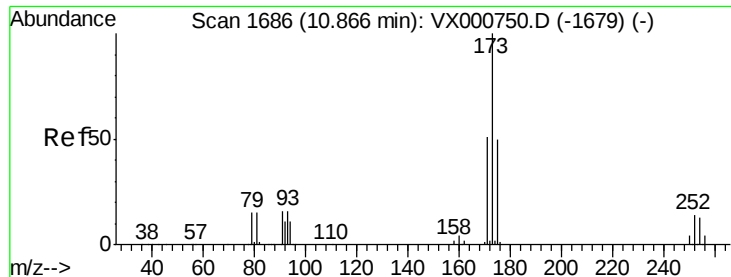
Tot Ion:106 Resp: 96742
Ion Ratio Lower Upper
106 100
91 212.4 105.0 315.0



#70
Styrene
Concen: 18.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion:104 Resp: 163620
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 54.8 44.1 66.1

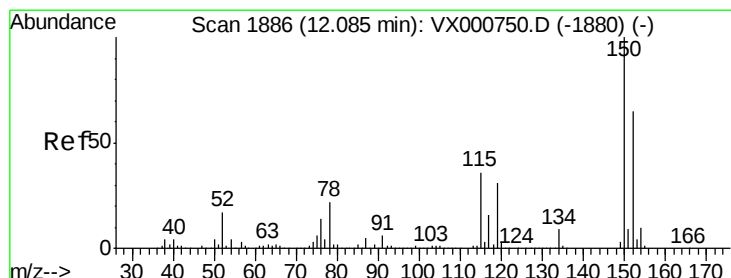
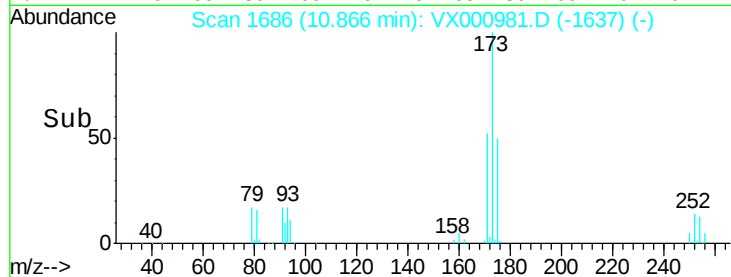
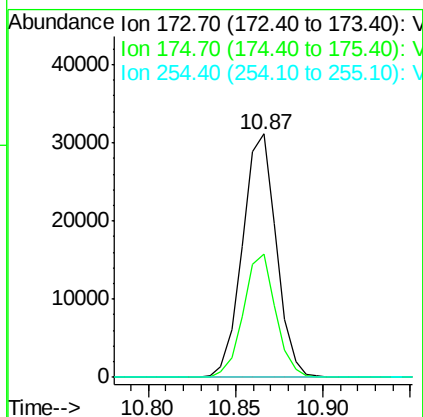
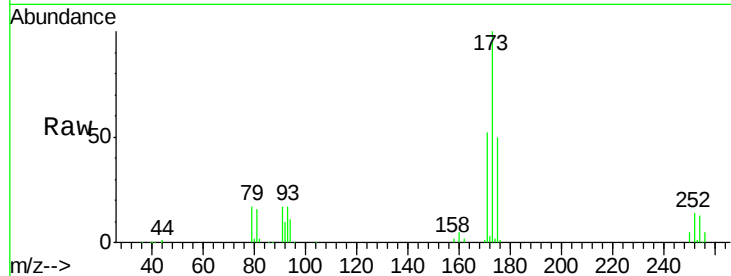




#71
Bromoform
Concen: 14.42 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

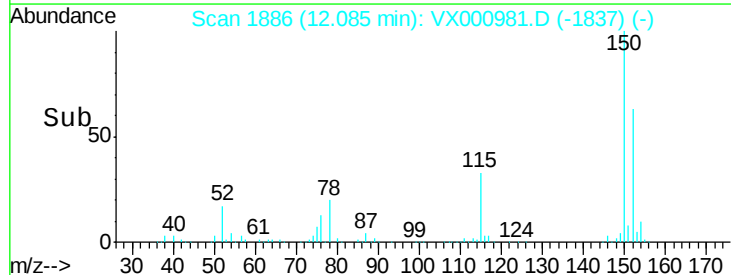
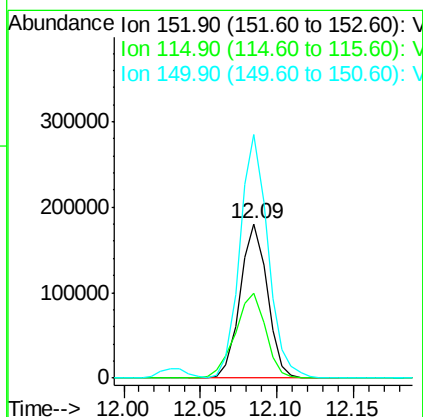
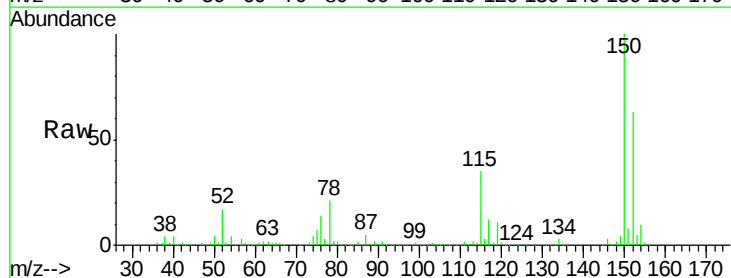
Instrument :
MSVOA_X
ClientSampleId :
VX0417MBSD01

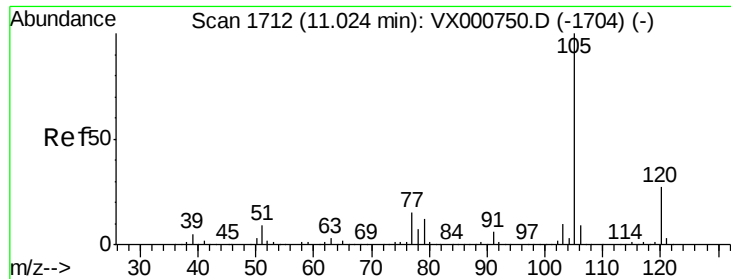
Tot Ion:173 Resp: 41622
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000981.D
Acq: 17 Apr 2018 22:22

Tgt Ion:152 Resp: 221551
Ion Ratio Lower Upper
152 100
115 61.8 37.9 113.7
150 163.7 0.0 348.0





#73

Isopropylbenzene

Concen: 18.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

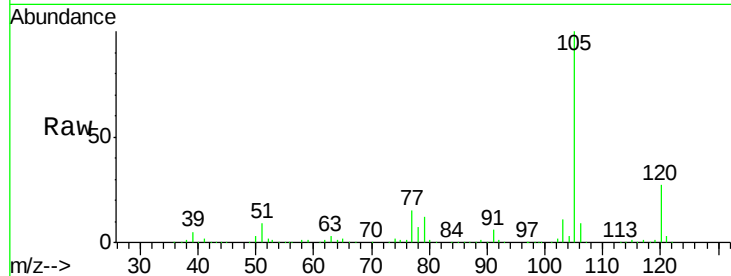
VX0417MBSD01

Tot Ion:105 Resp: 263945

Ion Ratio Lower Upper

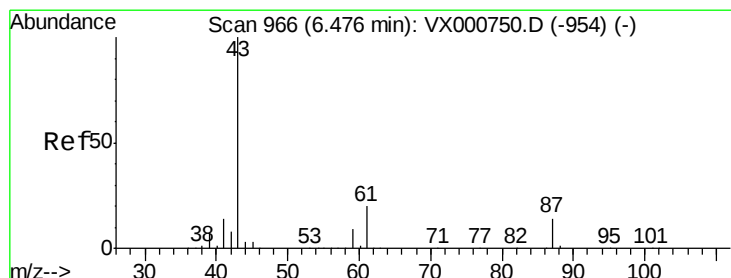
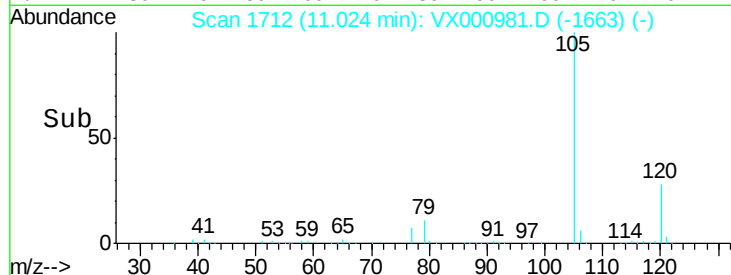
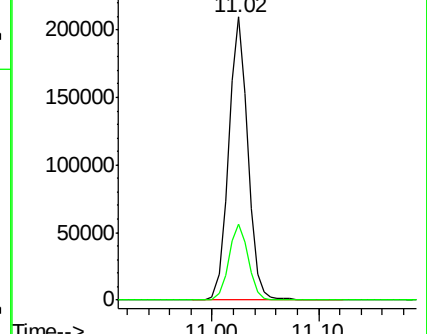
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Tgt Ion: 43 Resp: 111993

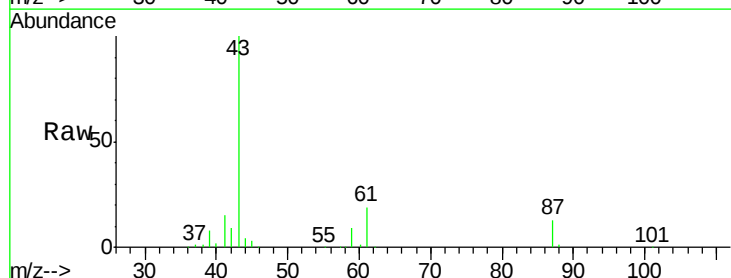
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 15.6 23.4

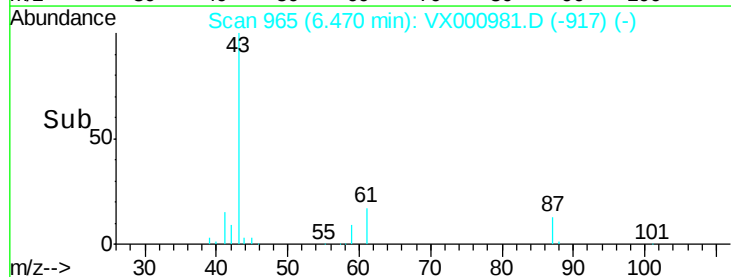
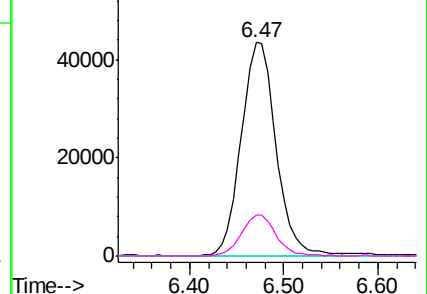


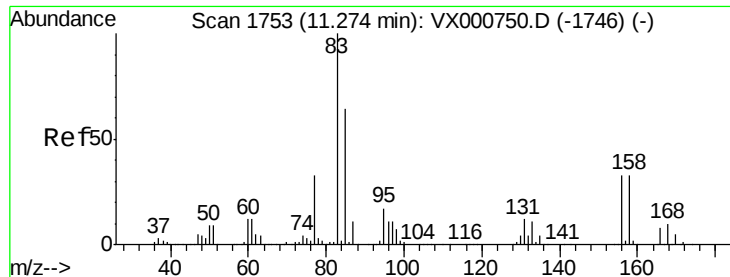
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

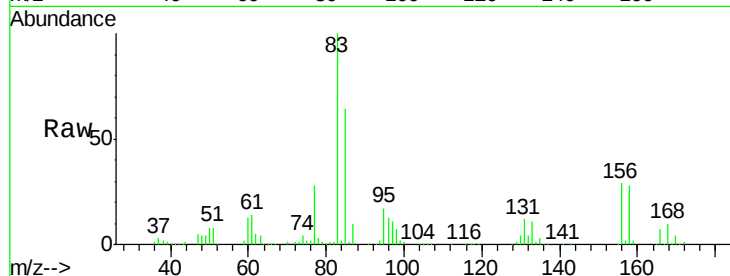
Tot Ion: 83 Resp: 77064

Ion Ratio Lower Upper

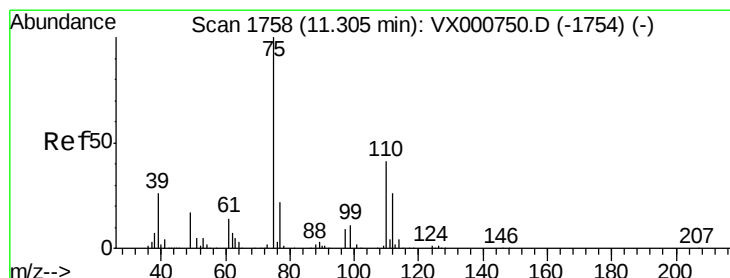
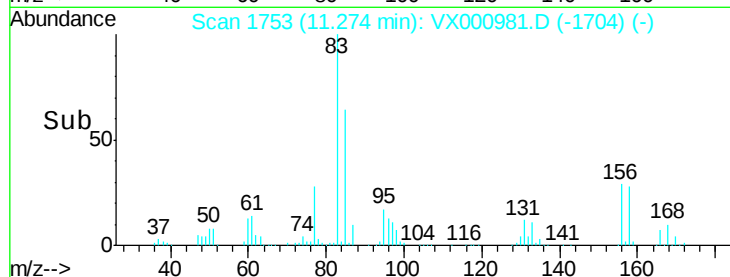
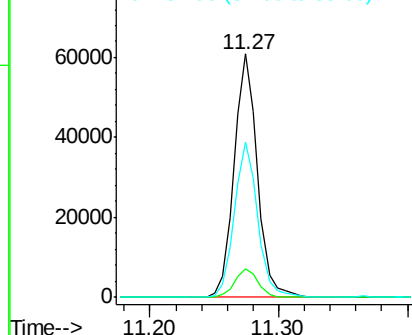
83 100

131 11.8 6.0 18.0

85 64.2 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: 18.71 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000981.D

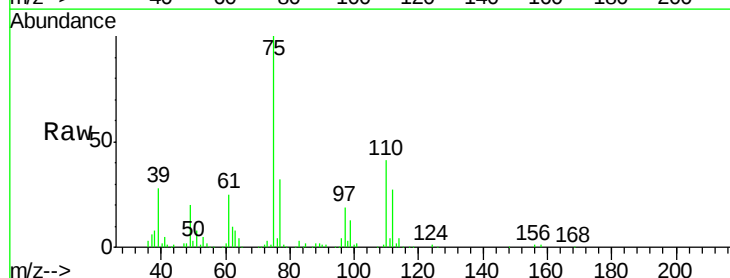
Acq: 17 Apr 2018 22:22

Tgt Ion: 75 Resp: 71472

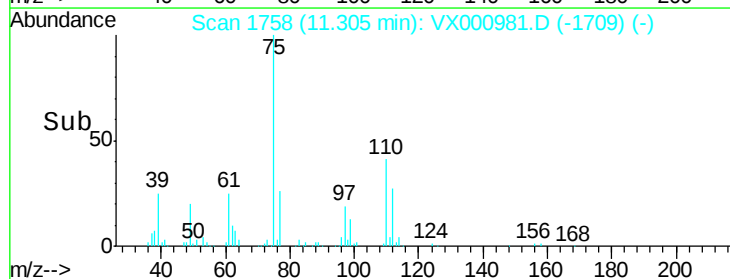
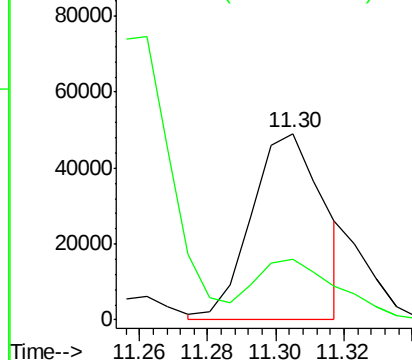
Ion Ratio Lower Upper

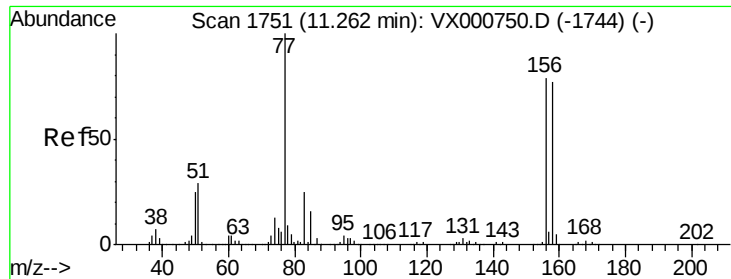
75 100

77 37.4 20.5 61.5



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





#77

Bromobenzene

Concen: 18.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

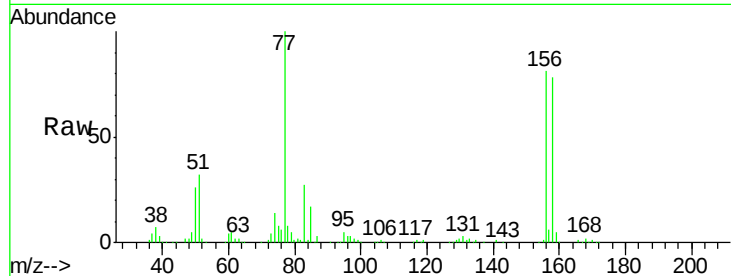
Tot Ion:156 Resp: 77612

Ion Ratio Lower Upper

156 100

77 133.0 66.0 198.2

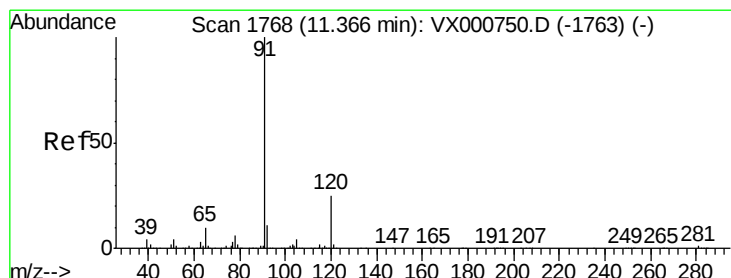
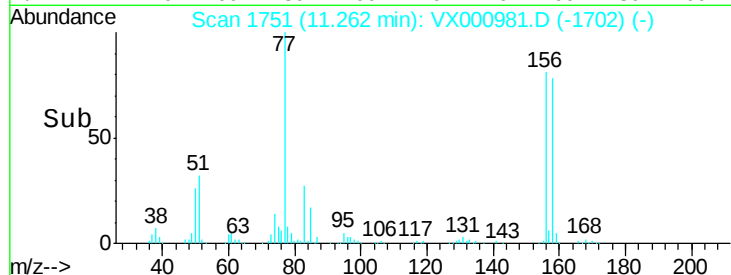
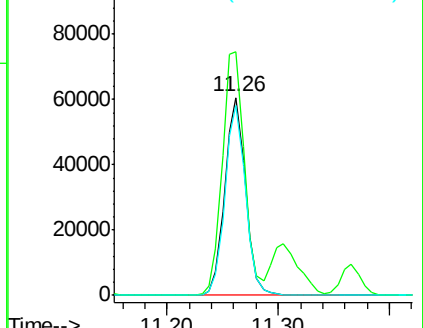
158 95.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.63 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000981.D

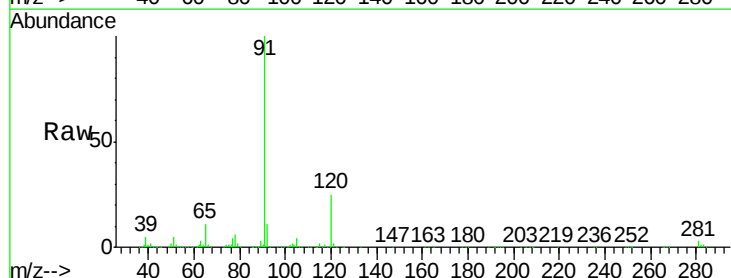
Acq: 17 Apr 2018 22:22

Tgt Ion: 91 Resp: 299577

Ion Ratio Lower Upper

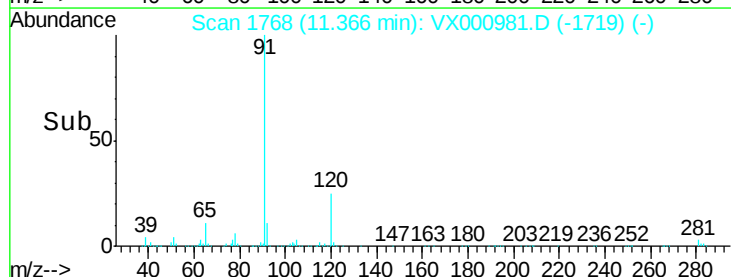
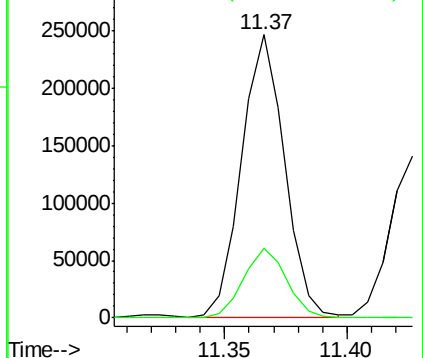
91 100

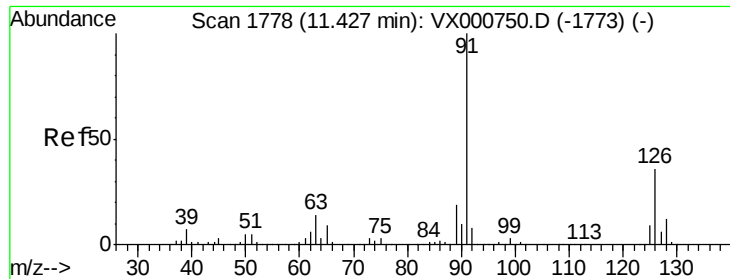
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

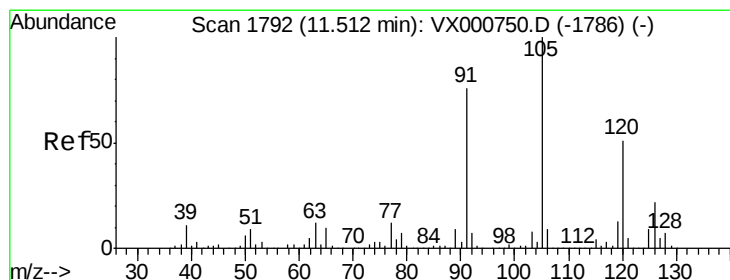
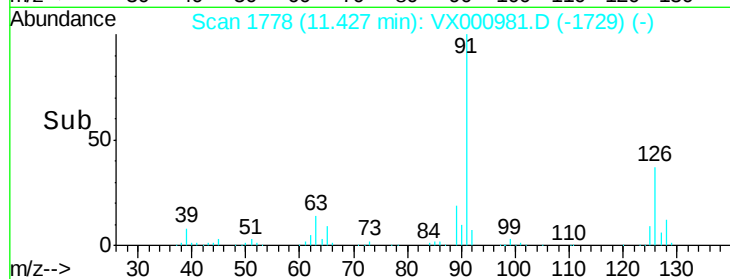
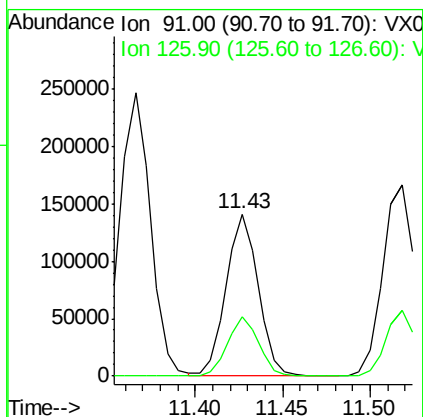
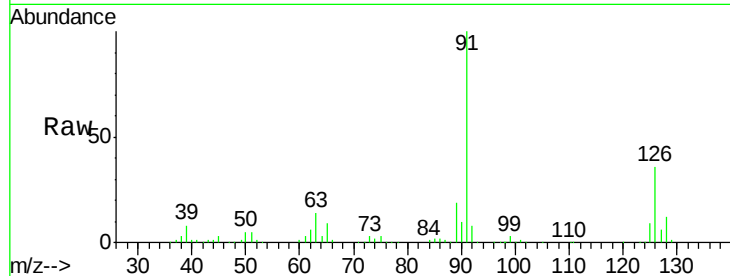




#79
 2-Chlorotoluene
 Concen: 18.81 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

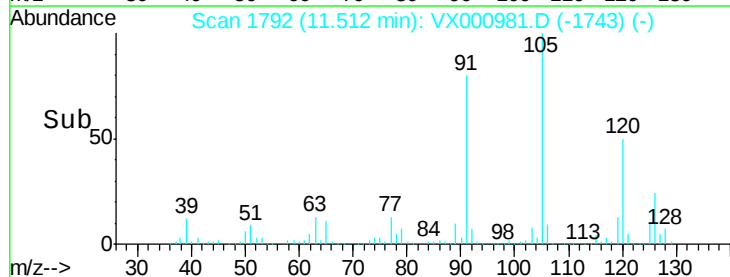
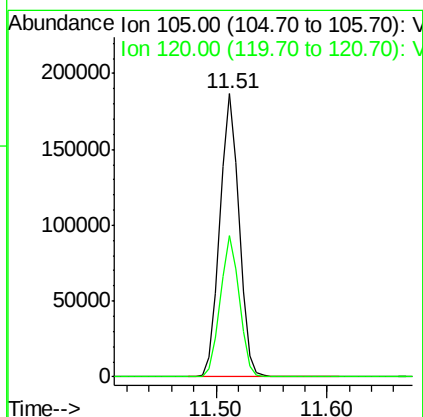
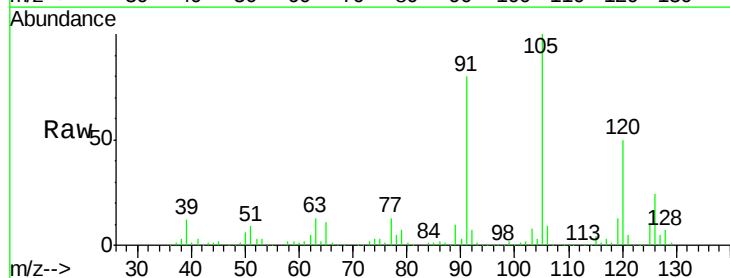
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0417MBSD01

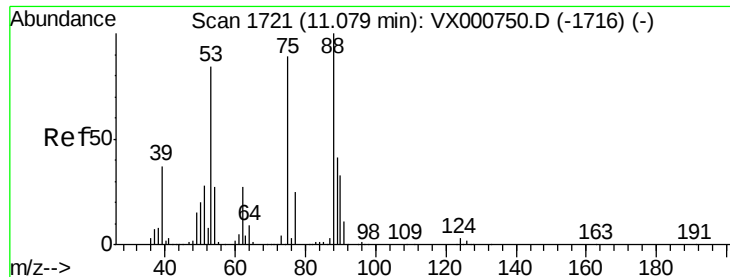
Tot Ion: 91 Resp: 178750
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.50 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

Tgt Ion: 105 Resp: 223646
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 12.36 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

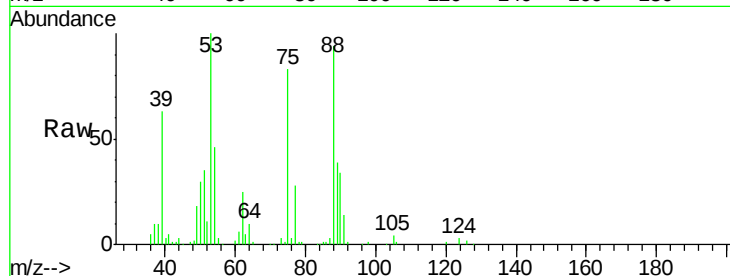
Tot Ion: 75 Resp: 17166

Ion Ratio Lower Upper

75 100

53 116.1 75.4 113.0#

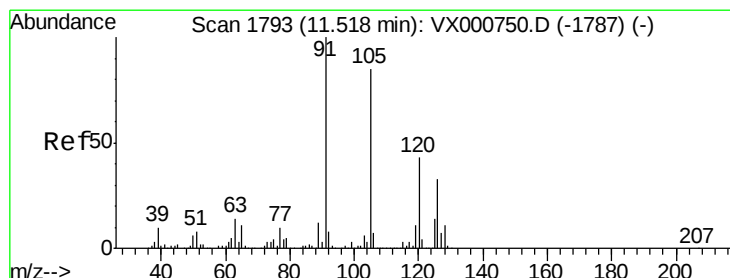
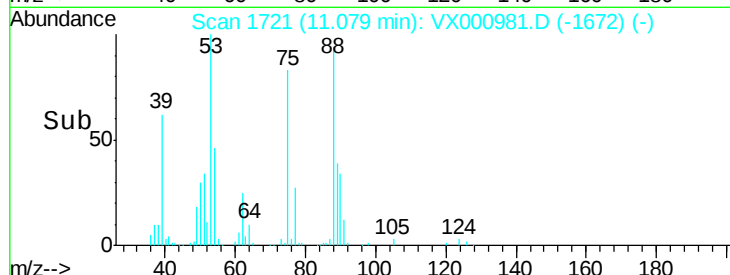
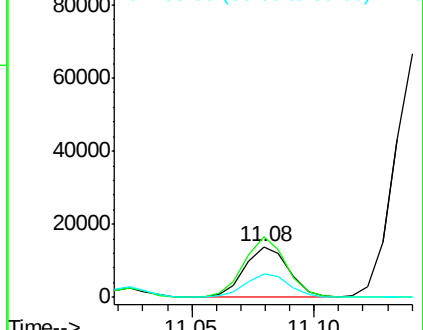
89 46.5 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.73 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000981.D

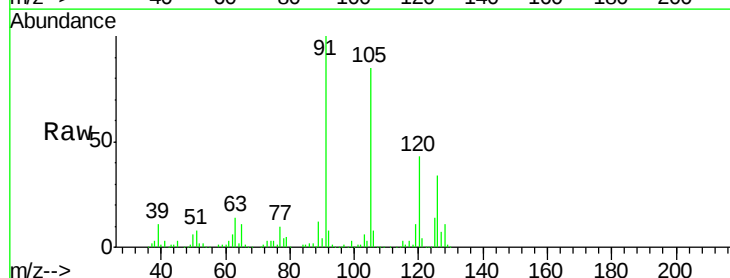
Acq: 17 Apr 2018 22:22

Tgt Ion: 91 Resp: 214849

Ion Ratio Lower Upper

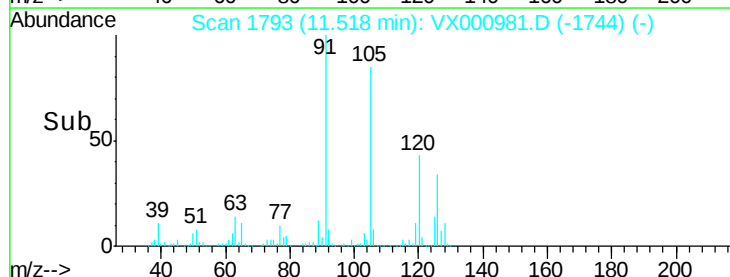
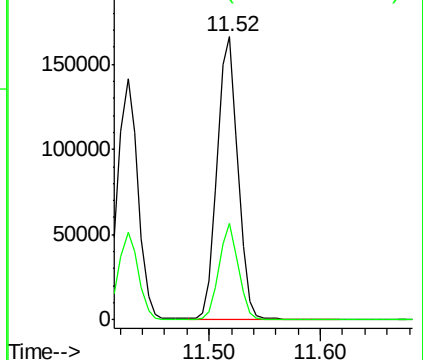
91 100

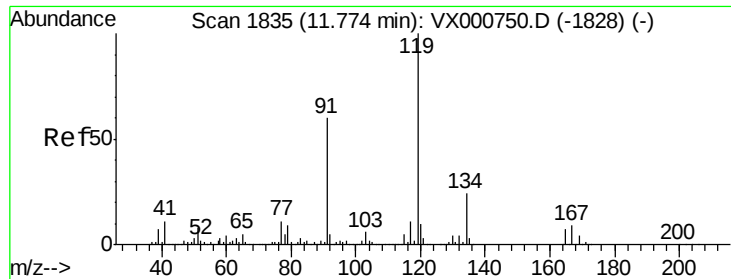
126 31.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

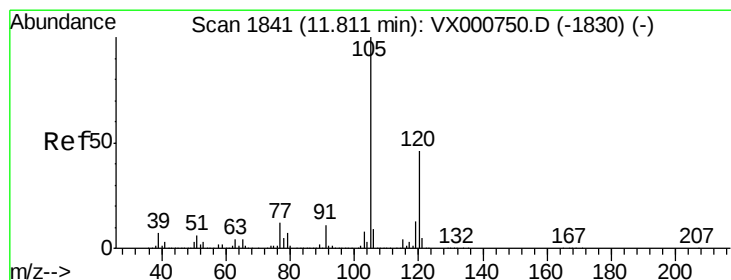
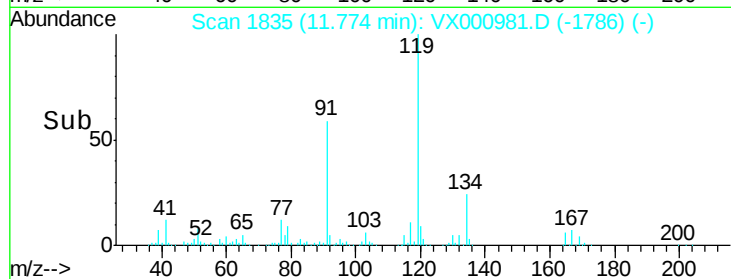
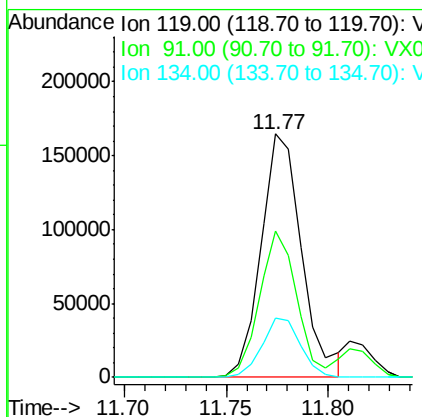
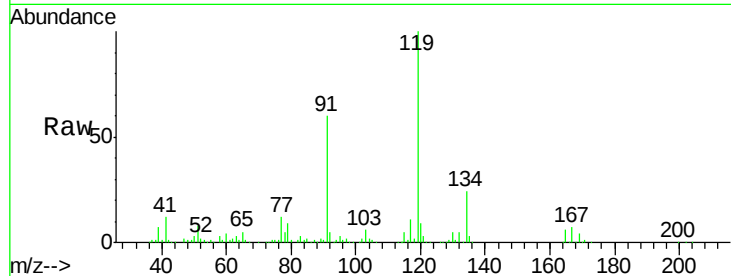




#83
 tert-Butylbenzene
 Concen: 18.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

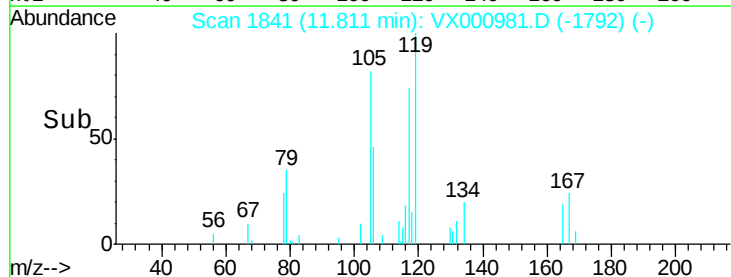
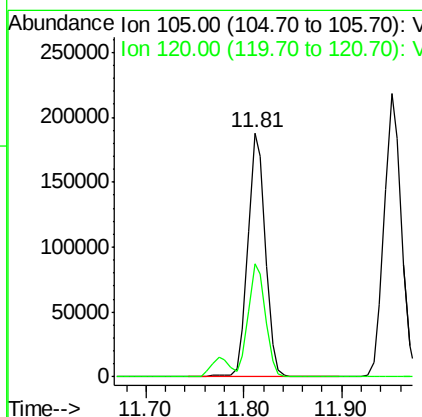
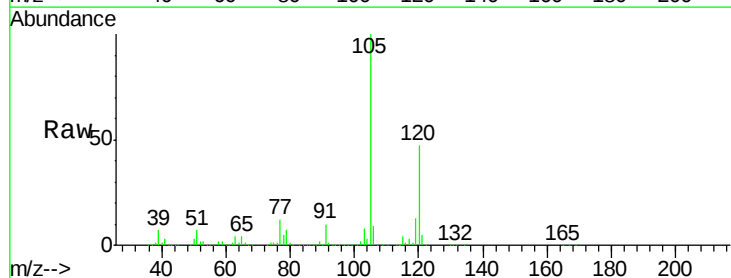
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBSD01

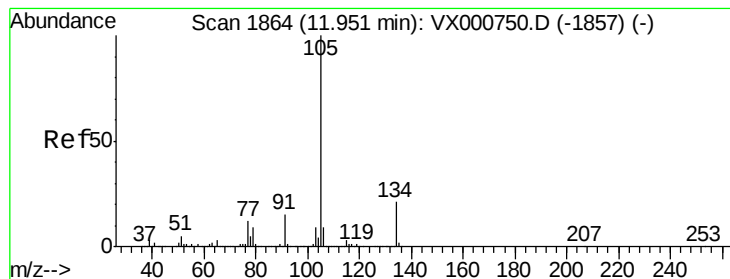
Tot Ion:119 Resp: 228100
 Ion Ratio Lower Upper
 119 100
 91 55.3 26.8 80.3
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

Tgt Ion:105 Resp: 231653
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 18.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

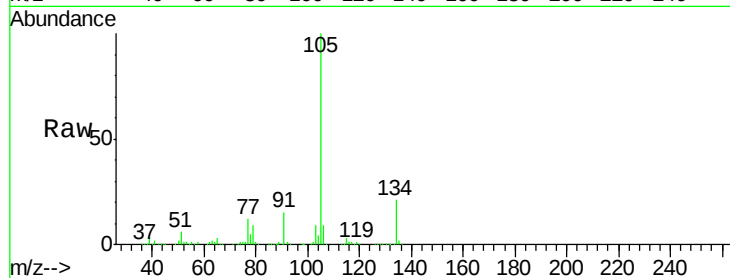
VX0417MBSD01

Tot Ion:105 Resp: 268135

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

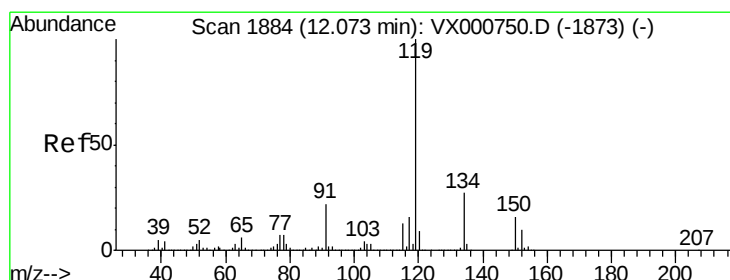
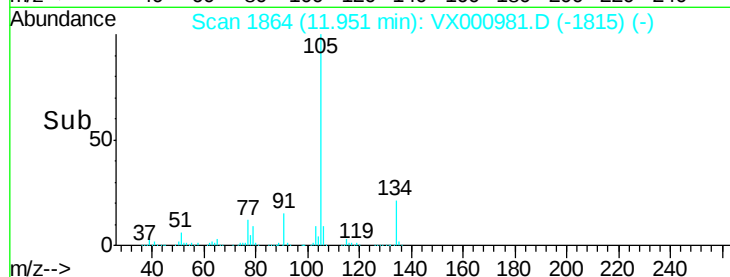
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.16 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

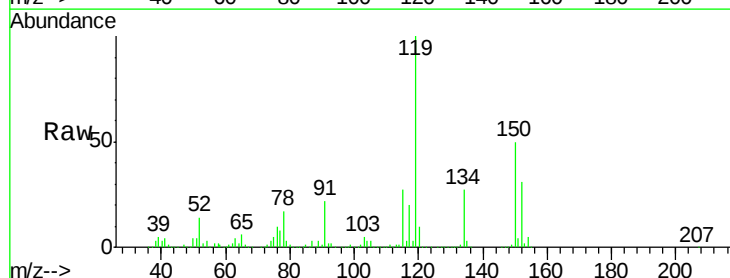
Tgt Ion:119 Resp: 247116

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

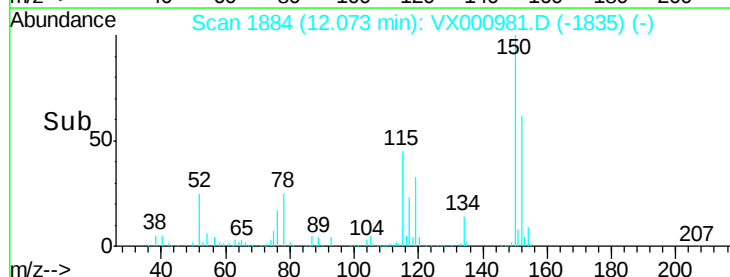
50000

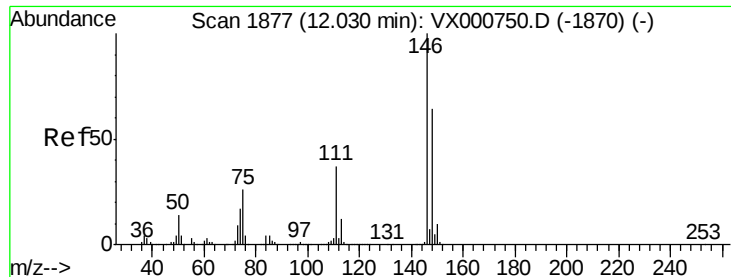
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.62 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

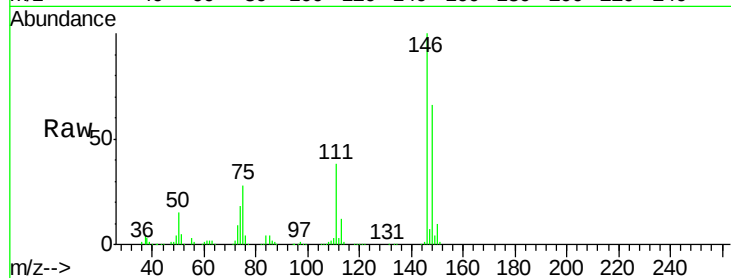
Tot Ion:146 Resp: 141993

Ion Ratio Lower Upper

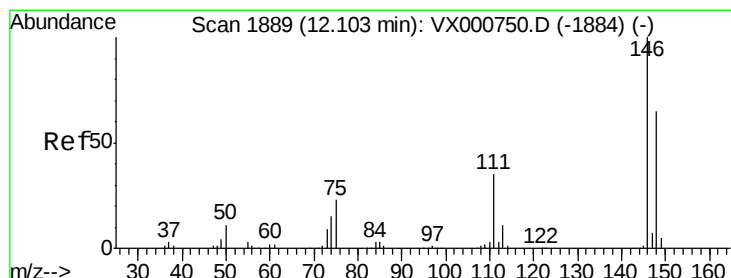
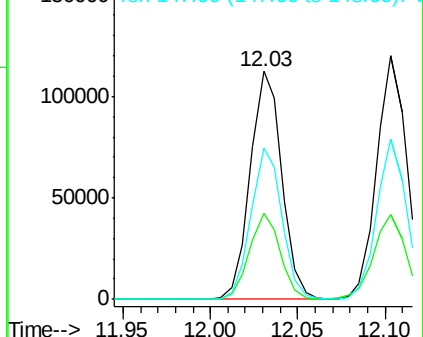
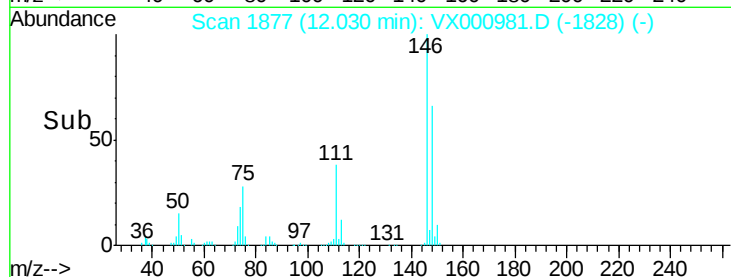
146 100

111 36.9 18.3 54.8

148 65.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 18.47 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

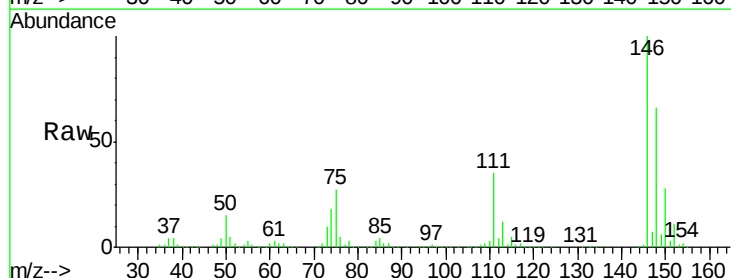
Tgt Ion:146 Resp: 144322

Ion Ratio Lower Upper

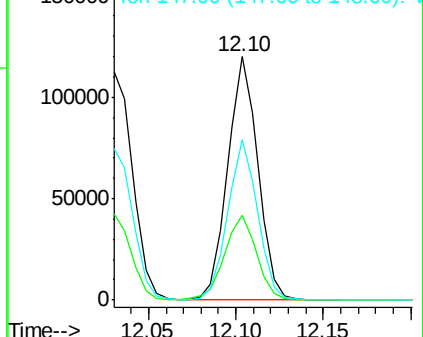
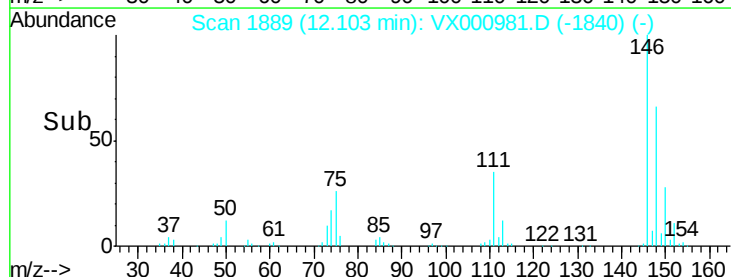
146 100

111 37.3 17.9 53.8

148 65.0 32.6 97.7



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





#89

n-Butylbenzene

Concen: 17.80 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

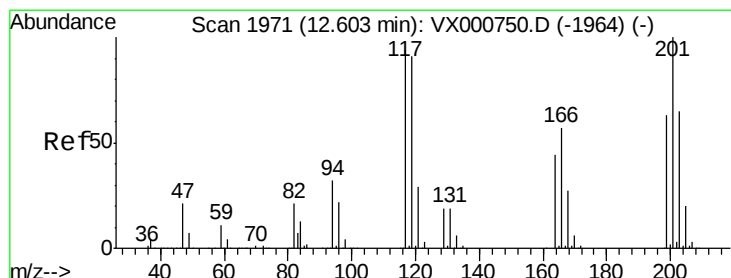
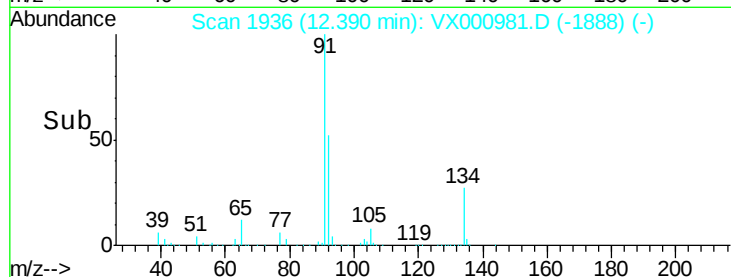
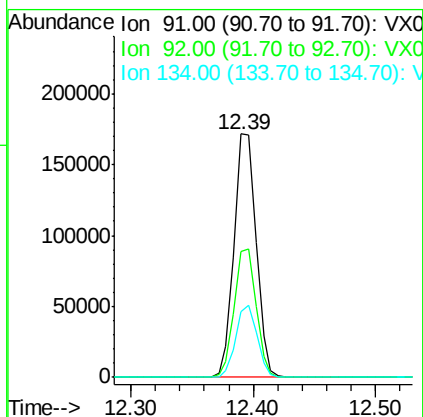
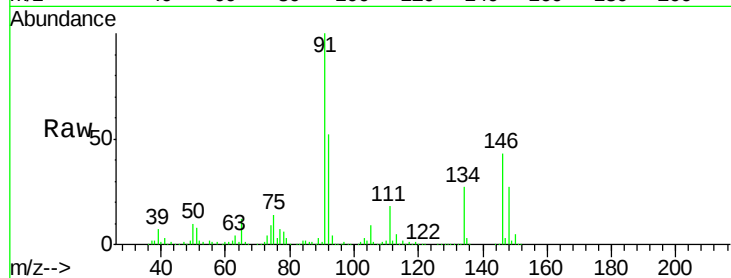
Tot Ion: 91 Resp: 213784

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 28.4 14.5 43.5



#90

Hexachloroethane

Concen: 14.41 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000981.D

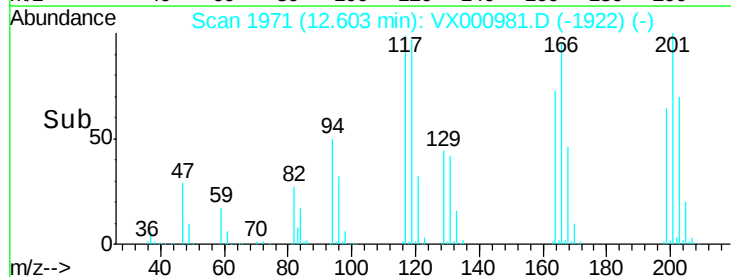
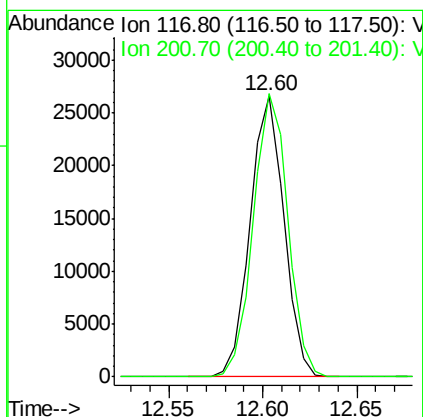
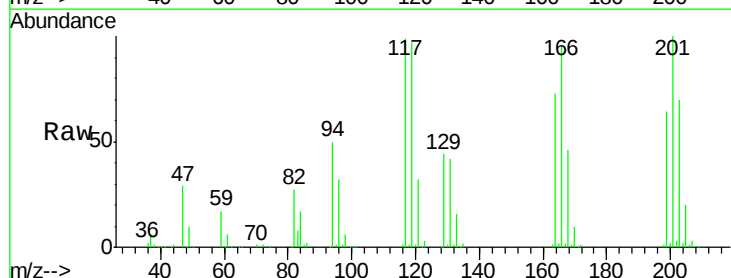
Acq: 17 Apr 2018 22:22

Tgt Ion: 117 Resp: 33176

Ion Ratio Lower Upper

117 100

201 102.6 52.9 158.7

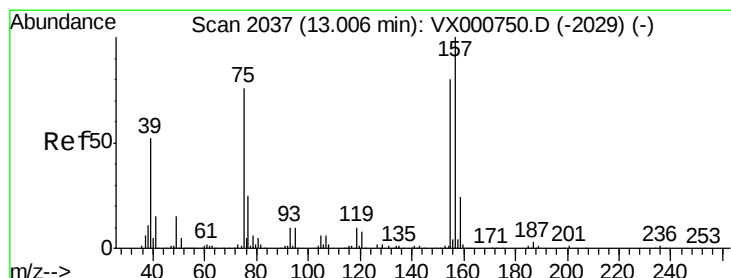
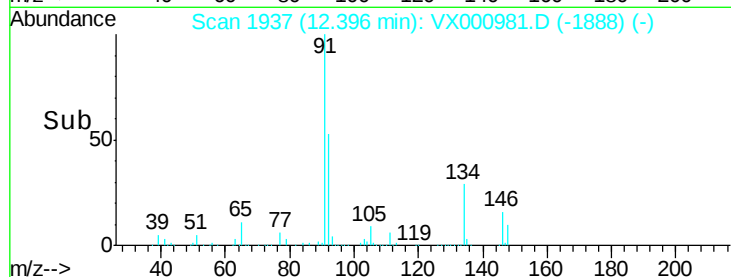
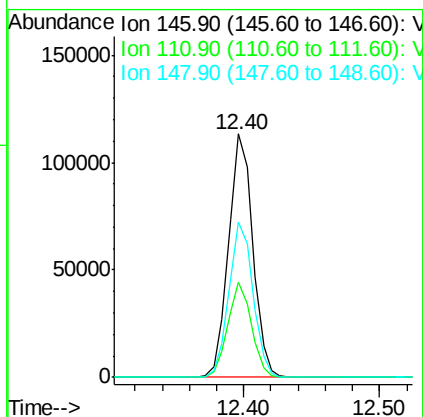
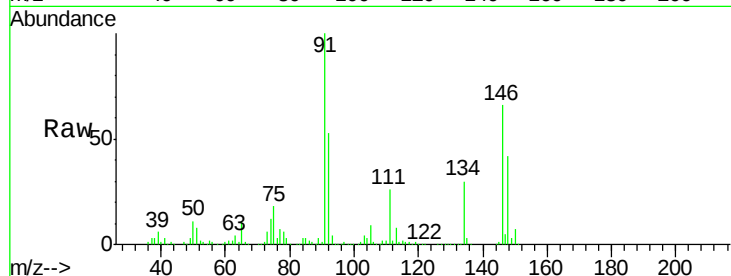




#91
 1,2-Dichlorobenzene
 Concen: 19.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

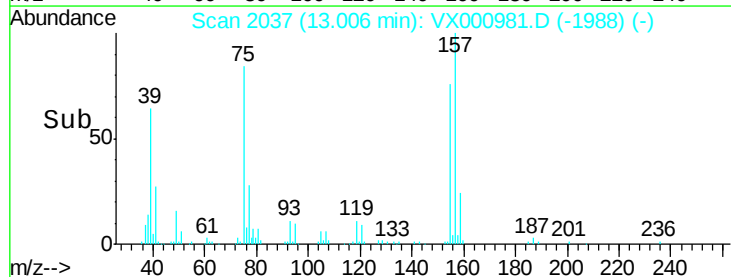
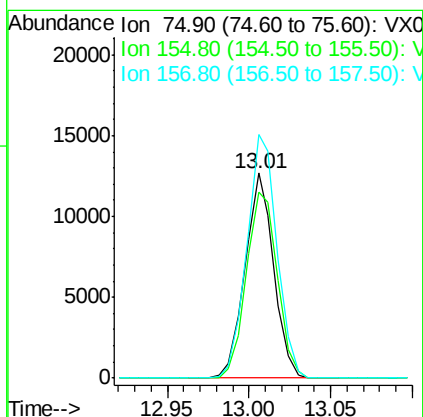
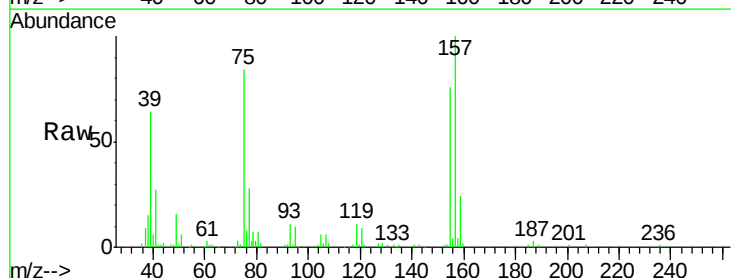
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBS01

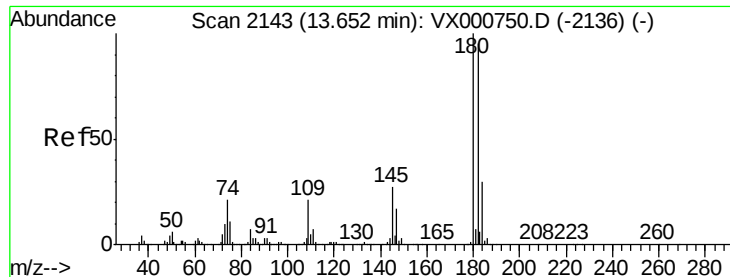
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	63.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	51.9	155.8
157	125.0	66.6	199.8

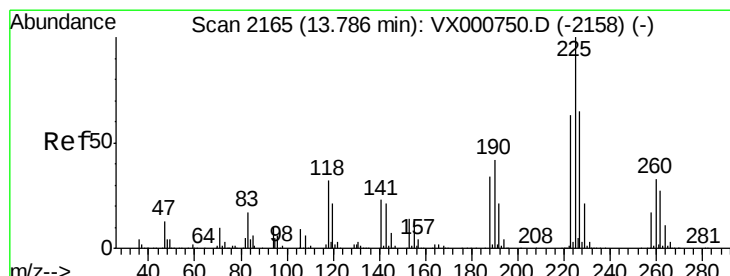
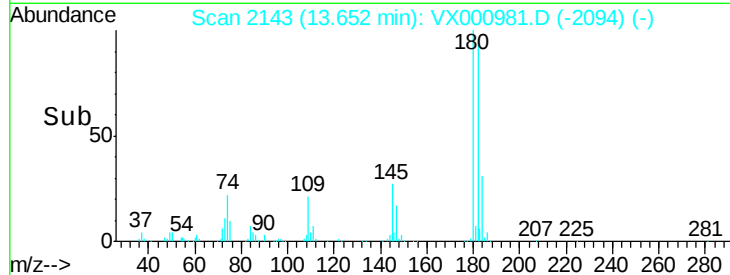
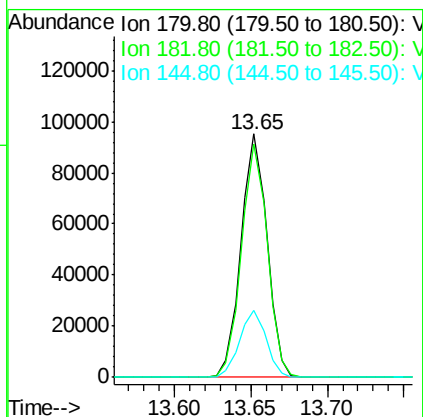
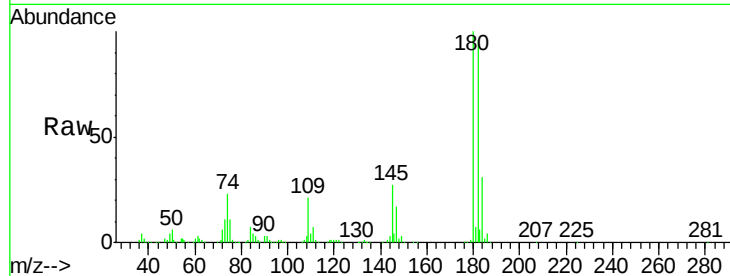




#93
 1,2,4-Trichlorobenzene
 Concen: 17.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

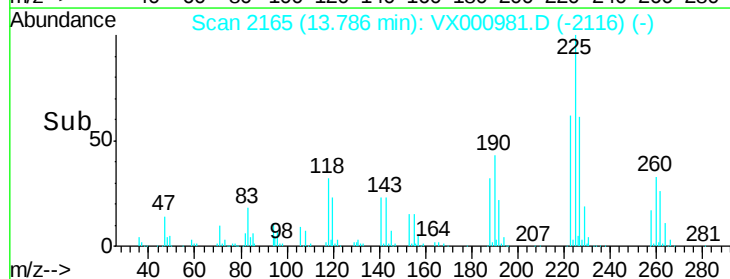
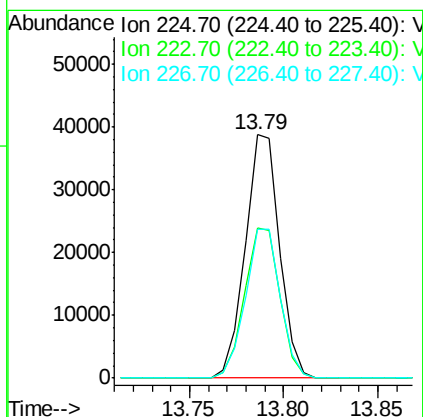
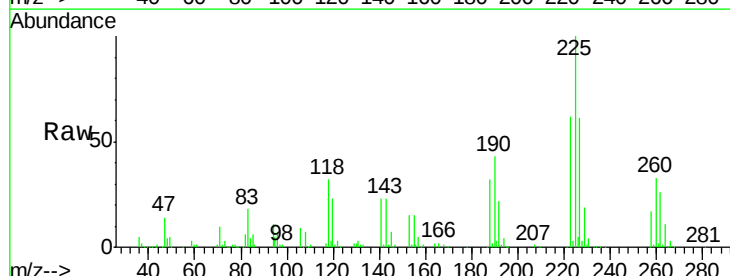
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417MBSD01

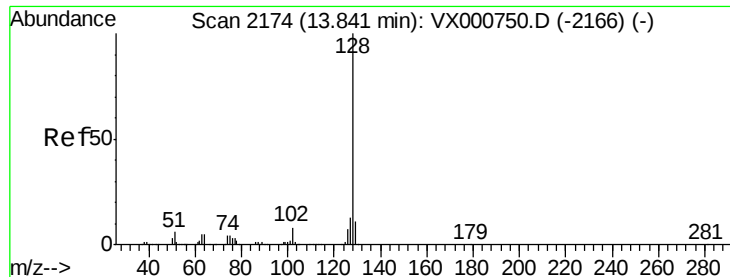
Tot Ion:180 Resp: 112497
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 28.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 15.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000981.D
 Acq: 17 Apr 2018 22:22

Tgt Ion:225 Resp: 48964
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.2 93.6
 227 62.3 32.3 96.9





#95

Naphthalene

Concen: 18.19 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VX0417MBSD01

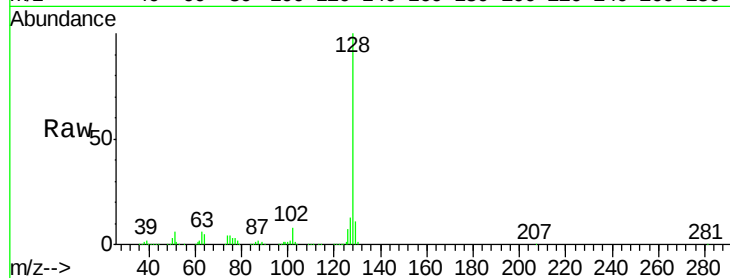
Tot Ion:128 Resp: 293267

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

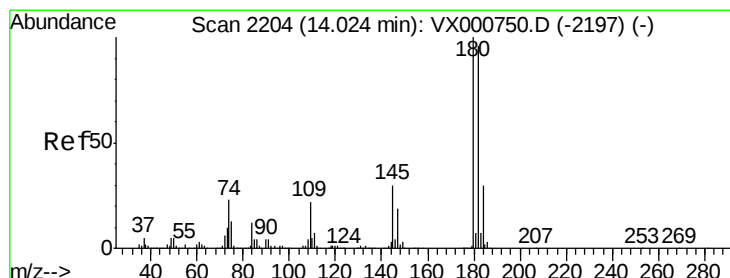
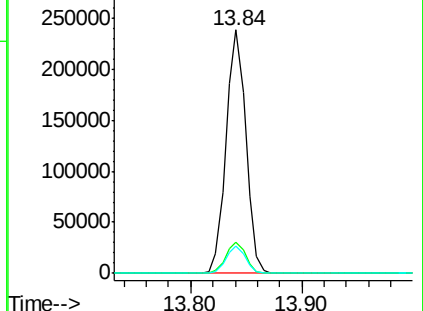
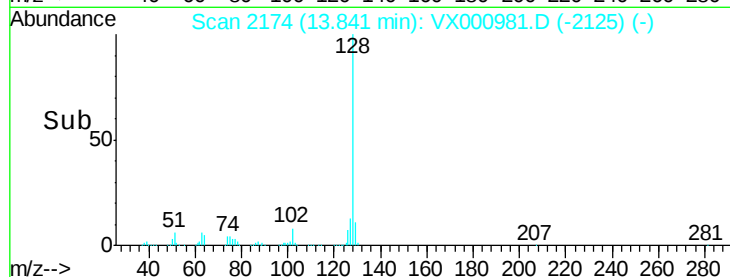
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000981.D

Acq: 17 Apr 2018 22:22

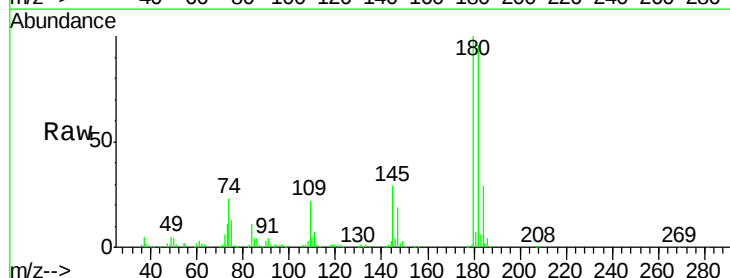
Tgt Ion:180 Resp: 111323

Ion Ratio Lower Upper

180 100

182 95.5 48.4 145.2

145 29.1 14.6 43.8



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

