

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004361.D
 Acq On : 05 Sep 2018 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 14:05:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	345052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	288485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	202585	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.50	113	179571	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	664795	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.14	95	259414	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186184	46.59	ug/l	97
3) Chloromethane	1.32	50	200594	45.44	ug/l	98
4) Vinyl Chloride	1.40	62	212537	47.01	ug/l	98
5) Bromomethane	1.64	94	95064	42.35	ug/l	98
6) Chloroethane	1.71	64	139955	43.26	ug/l	98
7) Trichlorofluoromethane	1.92	101	295357	47.67	ug/l	95
8) Diethyl Ether	2.18	74	130644	49.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	190383	49.06	ug/l	99
10) Methyl Iodide	2.51	142	208811	47.88	ug/l	97
11) Tert butyl alcohol	3.06	59	205709	214.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	171676	46.97	ug/l	96
13) Acrolein	2.29	56	46616	201.70	ug/l	99
14) Allyl chloride	2.73	41	325559	48.47	ug/l	99
15) Acrylonitrile	3.15	53	541692	228.16	ug/l	99
16) Acetone	2.44	43	491794	268.48	ug/l	100
17) Carbon Disulfide	2.57	76	432037	42.68	ug/l	99
18) Methyl Acetate	2.78	43	383056	57.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	605901	50.30	ug/l	98
20) Methylene Chloride	2.85	84	199944	46.18	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	184687	45.65	ug/l	98
22) Diisopropyl ether	3.87	45	636942	50.79	ug/l	99
23) Vinyl Acetate	3.82	43	2411331	237.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	356906	48.84	ug/l	99
25) 2-Butanone	4.70	43	737769	244.76	ug/l	99
26) 2,2-Dichloropropane	4.58	77	294251	51.34	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222867	48.57	ug/l	100
28) Bromochloromethane	5.01	49	165838	51.26	ug/l	100
29) Tetrahydrofuran	5.15	42	446666	231.16	ug/l	100
30) Chloroform	5.21	83	358448	48.92	ug/l	98
31) Cyclohexane	5.57	56	307586	48.78	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	299983	49.10	ug/l	100
36) 1,1-Dichloropropene	5.79	75	269261	49.36	ug/l	99
37) Ethyl Acetate	4.85	43	255223	47.58	ug/l	99
38) Carbon Tetrachloride	5.77	117	260687	50.80	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332828	53.44	ug/l	98
40) Benzene	6.14	78	819820	50.30	ug/l	100
41) Methacrylonitrile	5.06	41	155856	50.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	273636	49.22	ug/l	99
43) Isopropyl Acetate	6.46	43	423382	51.36	ug/l	99
44) Trichloroethene	7.21	130	225662	50.02	ug/l	98
45) 1,2-Dichloropropane	7.51	63	211836	51.93	ug/l	98
46) Dibromomethane	7.66	93	134840	49.64	ug/l	100
47) Bromodichloromethane	7.90	83	266218	52.67	ug/l	99
48) Methyl methacrylate	7.77	41	228841	51.88	ug/l	98
49) 1,4-Dioxane	7.75	88	92188	920.57	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1407376	234.98	ug/l	99
52) Toluene	8.78	92	520275	51.00	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	303342	54.34	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	334177	54.96	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	211540	51.36	ug/l	99
56) Ethyl methacrylate	9.18	69	311738	55.60	ug/l	98
57) 1,3-Dichloropropane	9.37	76	355703	51.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	664386	231.27	ug/l	100
59) 2-Hexanone	9.49	43	1088300	238.18	ug/l	100
60) Dibromochloromethane	9.59	129	215726	53.76	ug/l	100
61) 1,2-Dibromoethane	9.67	107	216966	50.91	ug/l	99
64) Tetrachloroethene	9.34	164	233251	51.51	ug/l	98
65) Chlorobenzene	10.14	112	569931	49.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	201658	50.82	ug/l	99
67) Ethyl Benzene	10.25	91	977900	52.34	ug/l	98
68) m/p-Xylenes	10.36	106	776212	106.24	ug/l	97
69) o-Xylene	10.70	106	362421	52.44	ug/l	99
70) Styrene	10.71	104	629433	56.25	ug/l	97
71) Bromoform	10.86	173	158491	49.55	ug/l	100
73) Isopropylbenzene	11.02	105	1040617	54.92	ug/l	100
74) N-amyl acetate	10.90	43	362432	49.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	305321	46.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	359789	61.32	ug/l	86
77) Bromobenzene	11.26	156	259067	48.74	ug/l	98
78) n-propylbenzene	11.36	91	1193996	54.79	ug/l	99
79) 2-Chlorotoluene	11.42	91	671433	50.06	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	831272	52.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	97401	53.86	ug/l	96
82) 4-Chlorotoluene	11.51	91	800120	50.69	ug/l	99
83) tert-Butylbenzene	11.77	119	854880	54.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	894469	55.53	ug/l	100
85) sec-Butylbenzene	11.94	105	1090095	58.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	983983	58.58	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518345	51.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	521915	49.47	ug/l	99
89) n-Butylbenzene	12.39	91	871340	63.79	ug/l	99
90) Hexachloroethane	12.60	117	139531	59.43	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	513137	56.11	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59579	51.02	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

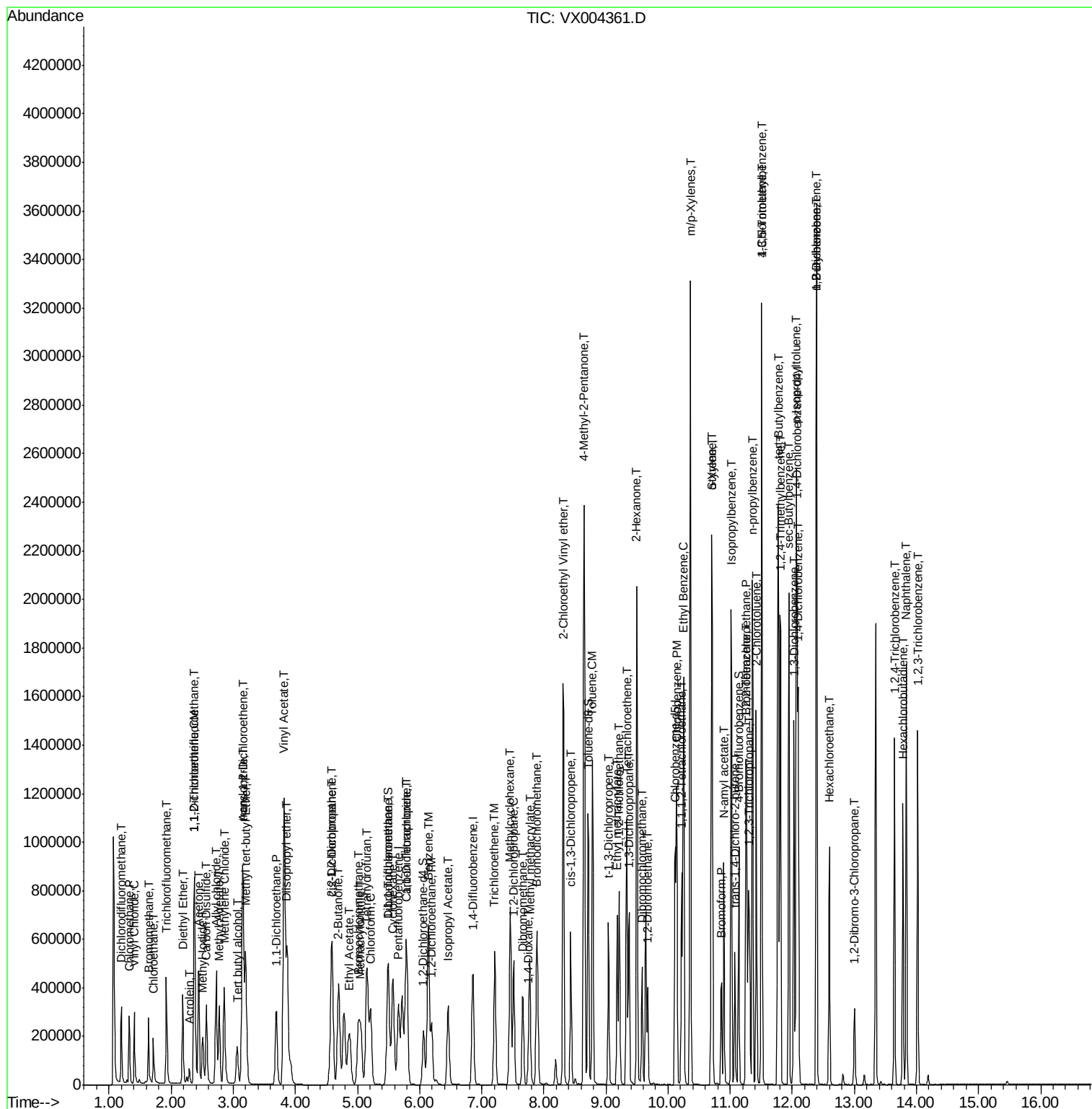
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	359568	54.03	ug/l	99
94) Hexachlorobutadiene	13.79	225	199290	64.42	ug/l	100
95) Naphthalene	13.83	128	1056999	56.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	394554	56.01	ug/l	96

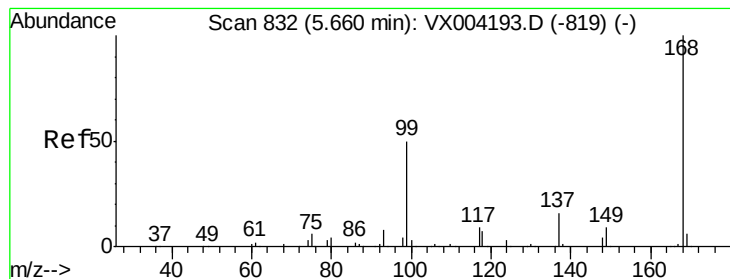
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

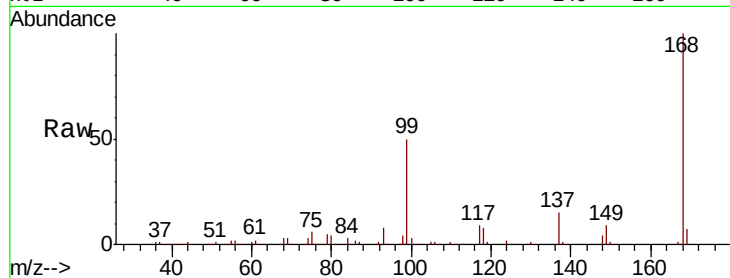
VSTDCCC050

Tot Ion:168 Resp: 345052

Ion Ratio Lower Upper

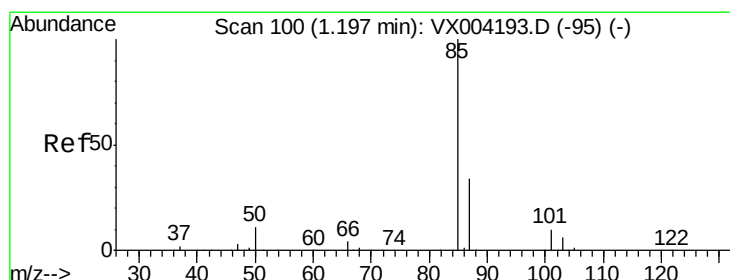
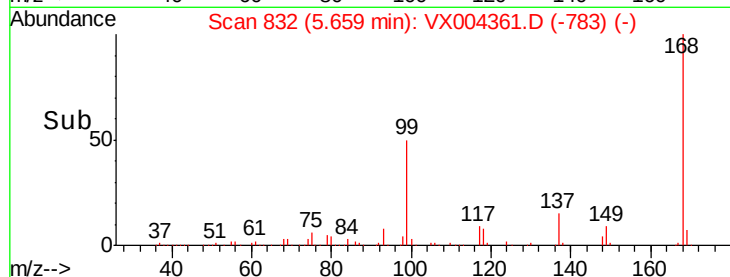
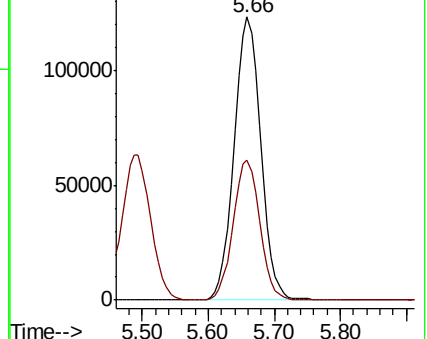
168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004361.D

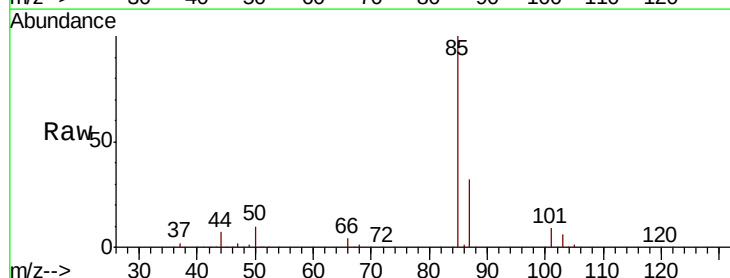
Acq: 05 Sep 2018 10:09

Tgt Ion: 85 Resp: 186184

Ion Ratio Lower Upper

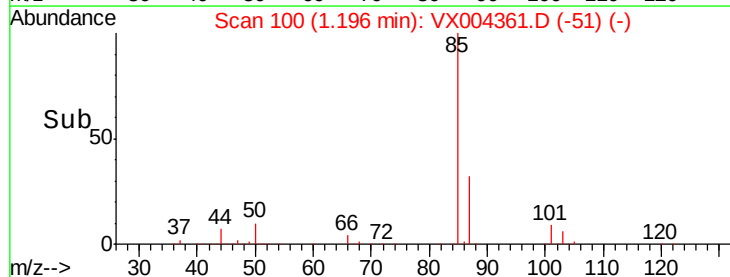
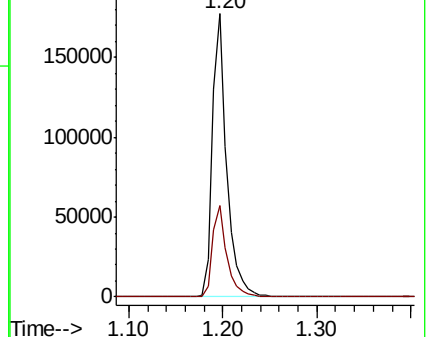
85 100

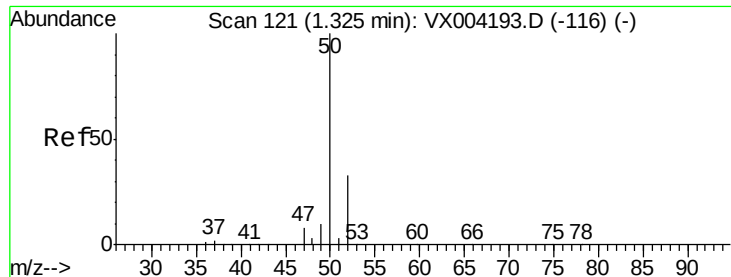
87 32.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

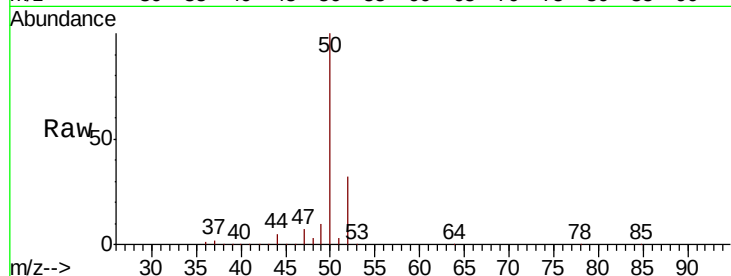
VSTDCCC050

Tot Ion: 50 Resp: 200594

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

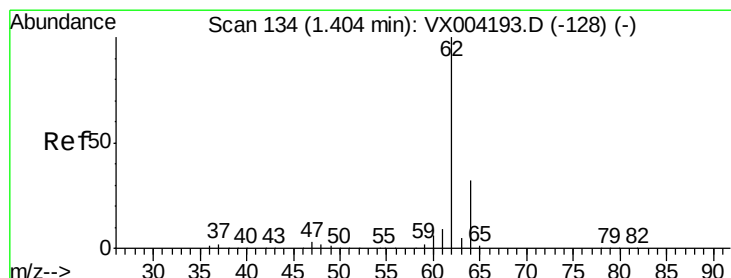
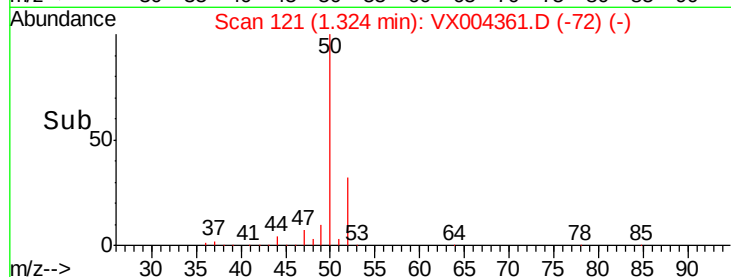
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004361.D

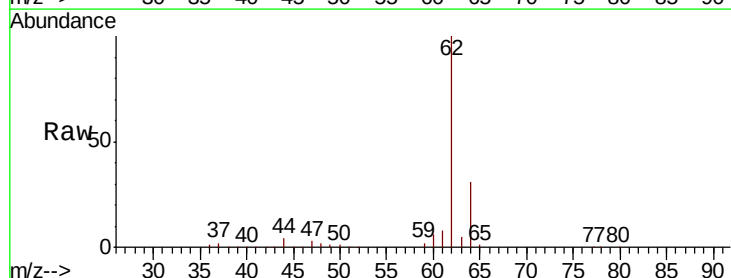
Acq: 05 Sep 2018 10:09

Tgt Ion: 62 Resp: 212537

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

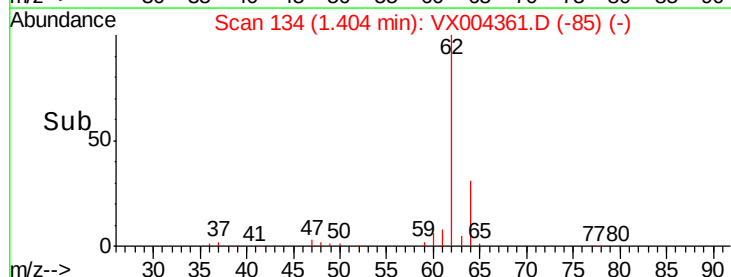
150000

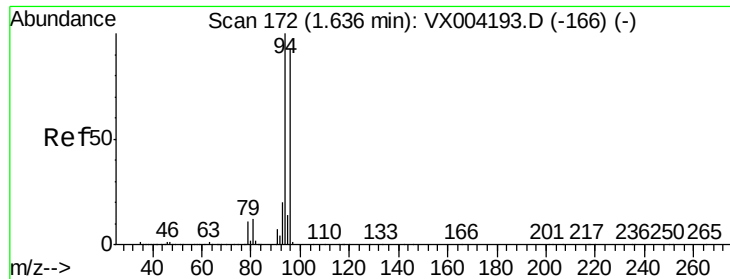
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

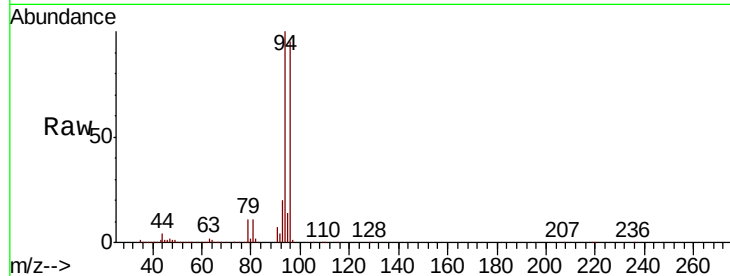
VSTDCCC050

Tot Ion: 94 Resp: 95064

Ion Ratio Lower Upper

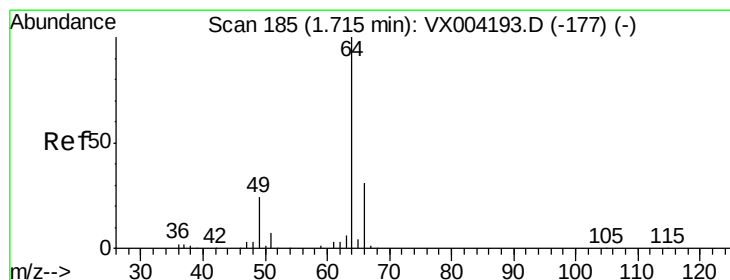
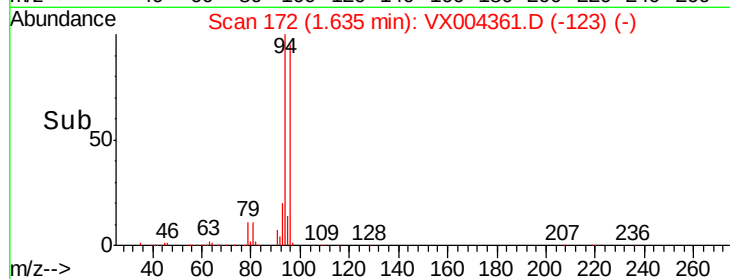
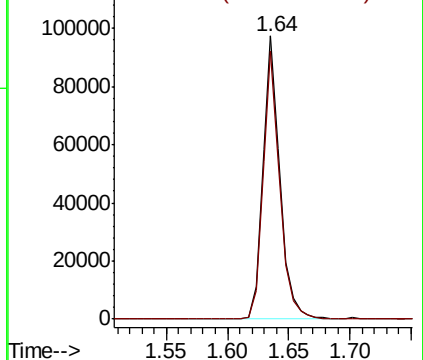
94 100

96 94.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.26 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004361.D

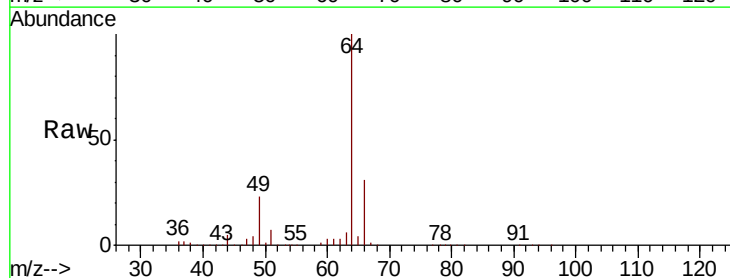
Acq: 05 Sep 2018 10:09

Tgt Ion: 64 Resp: 139955

Ion Ratio Lower Upper

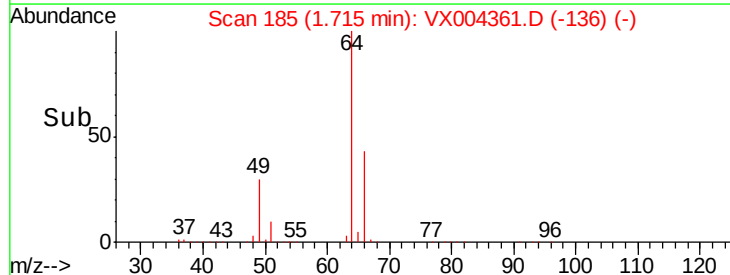
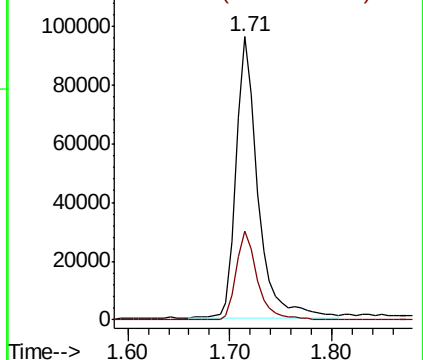
64 100

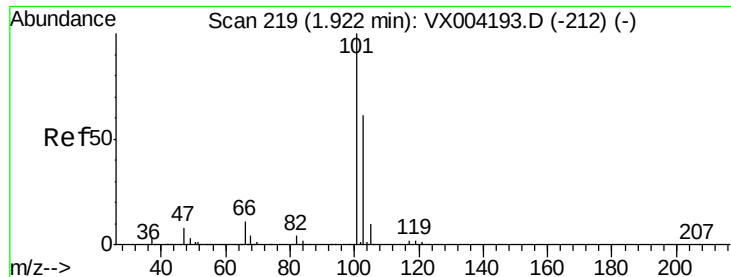
66 31.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



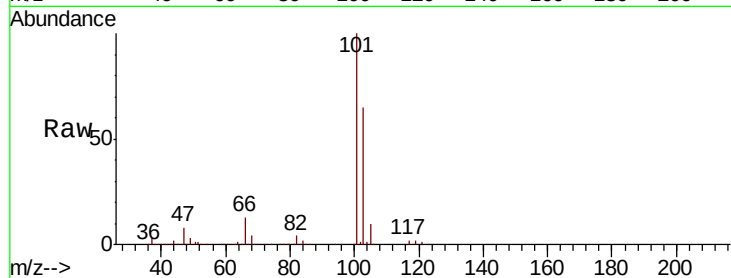


#7

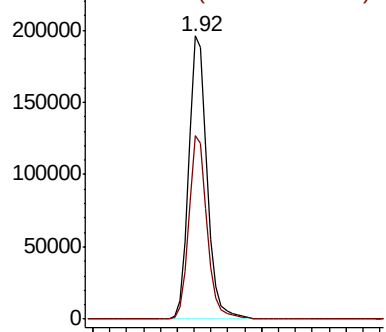
Trichlorofluoromethane
 Concen: 47.67 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

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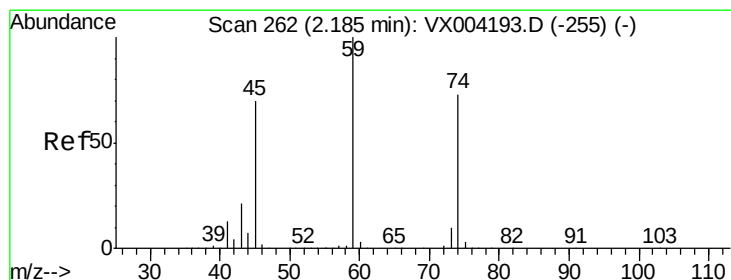
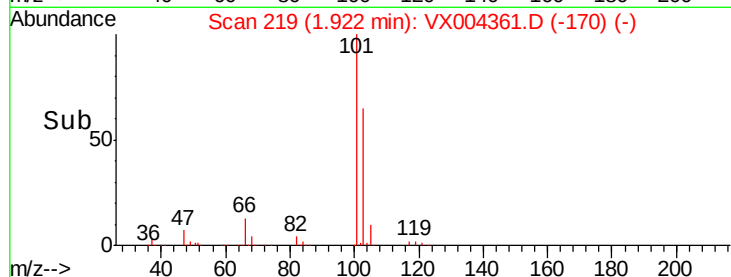
Tot Ion:101 Resp: 295357
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.9 73.3



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



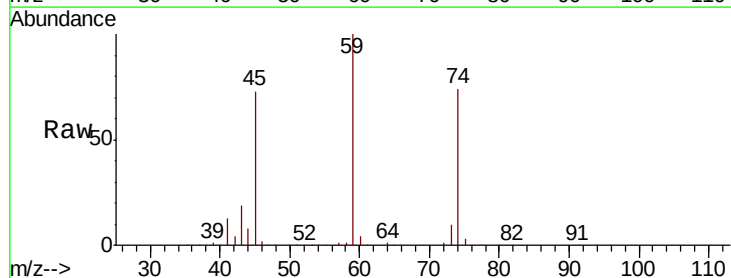
Time--> 1.80 1.90 2.00 2.10



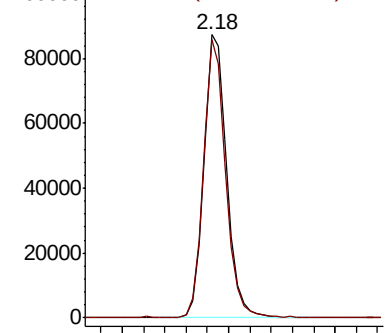
#8

Diethyl Ether
 Concen: 49.24 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

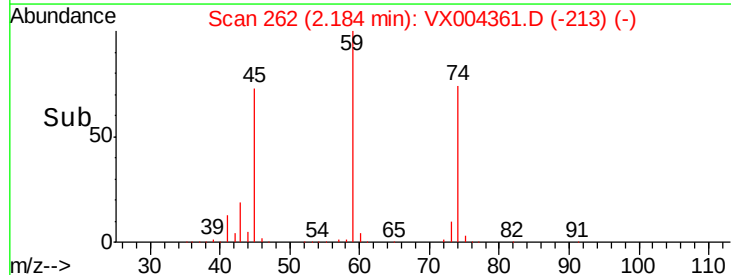
Tgt Ion: 74 Resp: 130644
 Ion Ratio Lower Upper
 74 100
 45 95.2 48.3 144.8

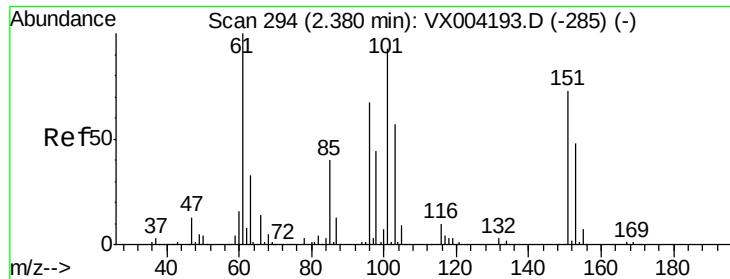


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.06 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004361.D

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ClientSampleId :

VSTDCCC050

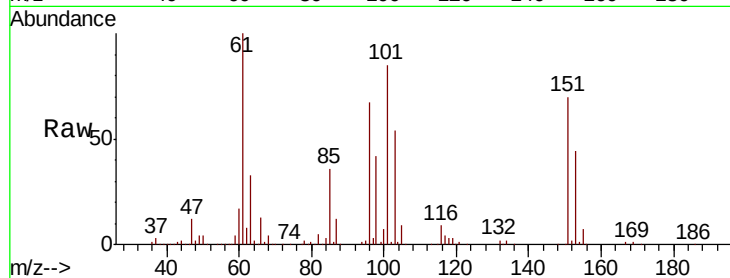
Tot Ion:101 Resp: 190383

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

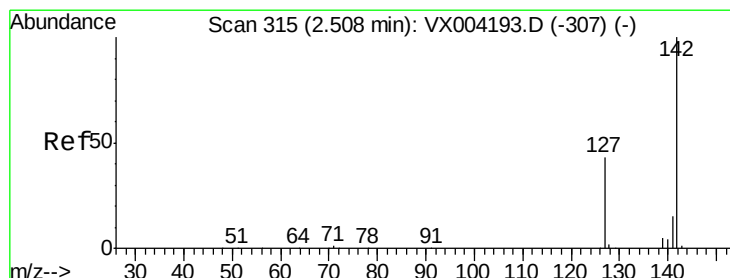
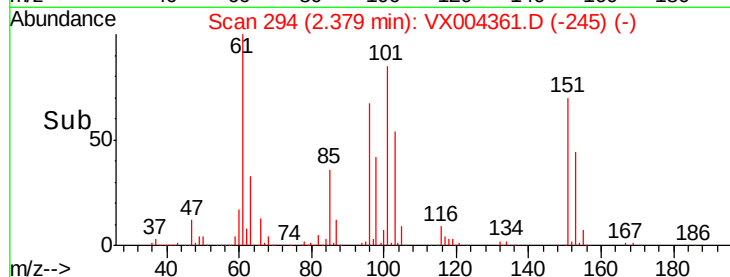
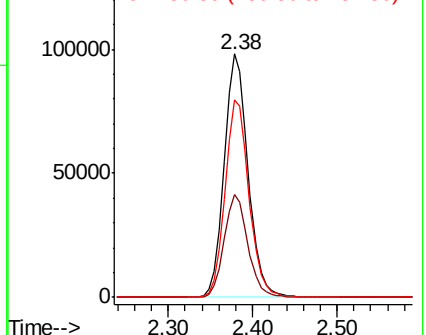
151 81.5 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.88 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

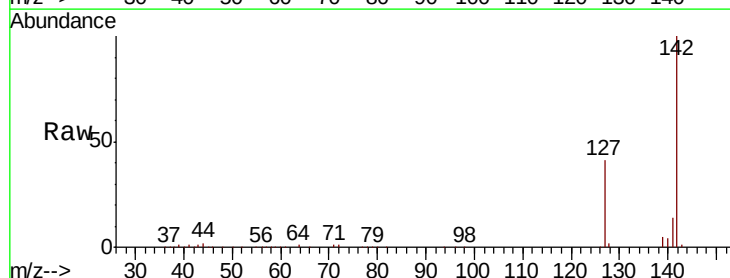
Tgt Ion:142 Resp: 208811

Ion Ratio Lower Upper

142 100

127 40.3 33.8 50.6

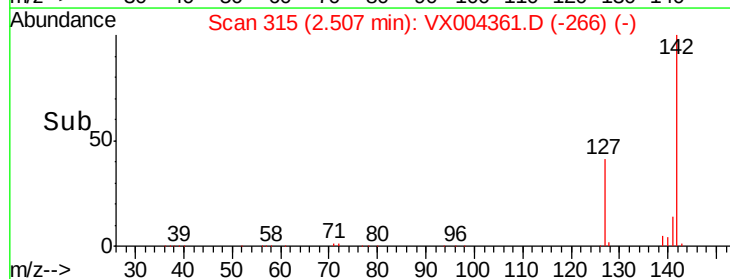
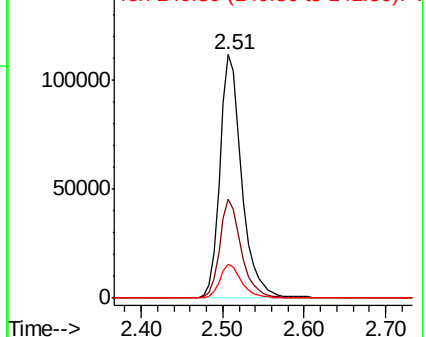
141 13.8 11.4 17.0

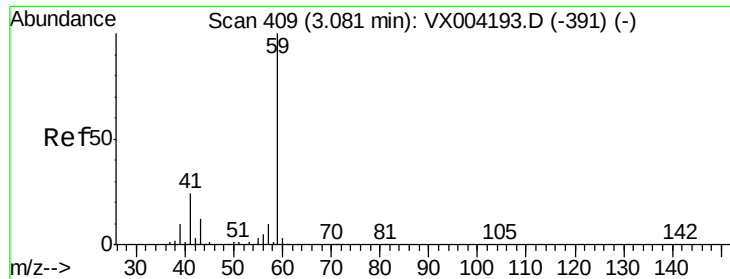


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

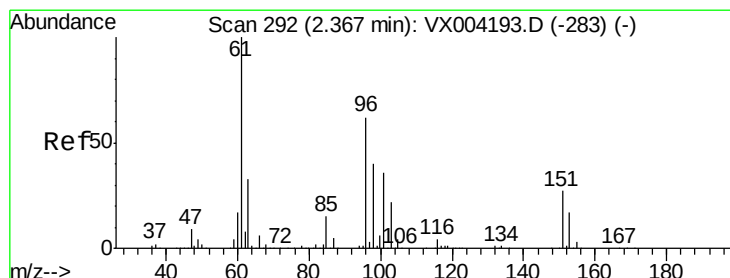
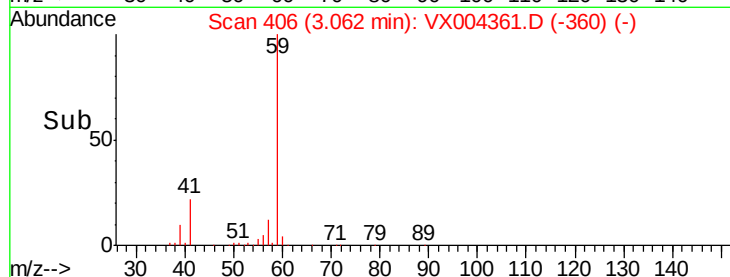
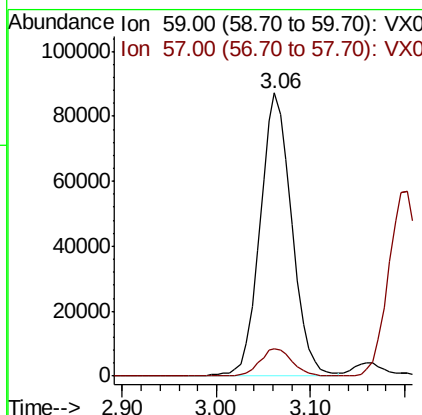
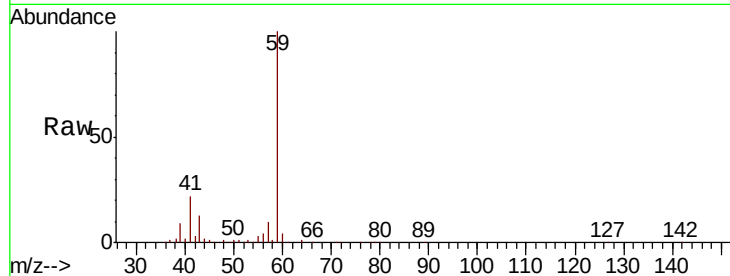




#11
Tert butyl alcohol
Concen: 214.58 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

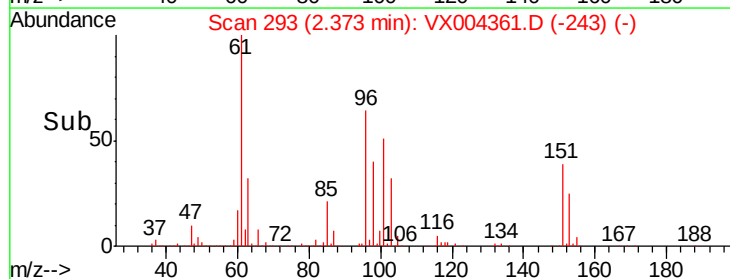
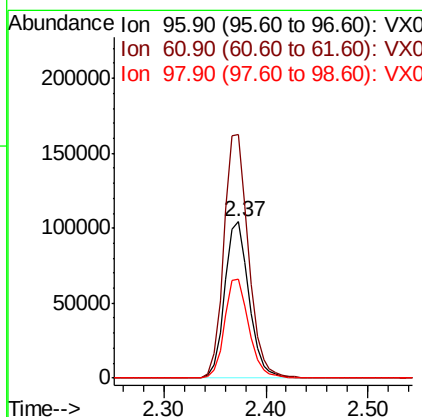
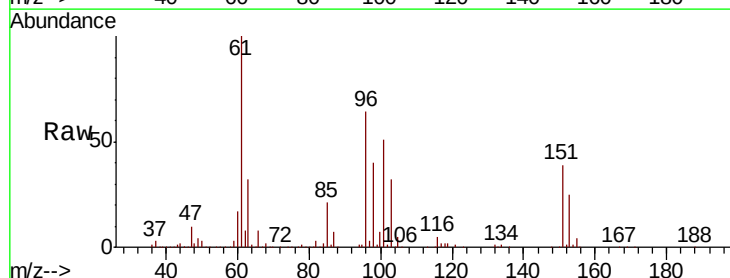
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

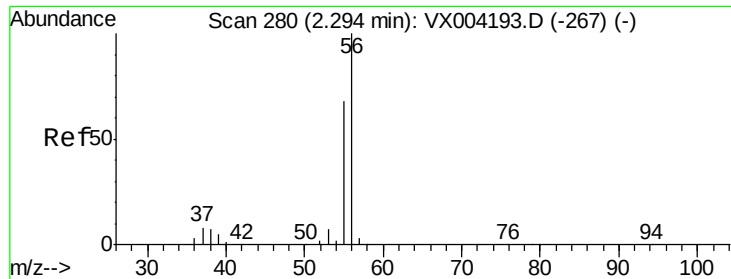
Tot Ion: 59 Resp: 205709
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.97 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 96 Resp: 171676
Ion Ratio Lower Upper
96 100
61 155.6 128.8 193.2
98 63.0 52.2 78.2

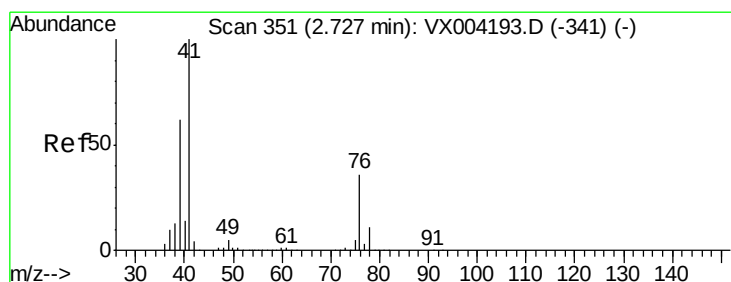
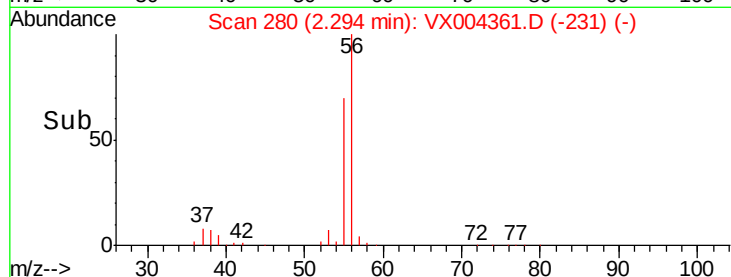
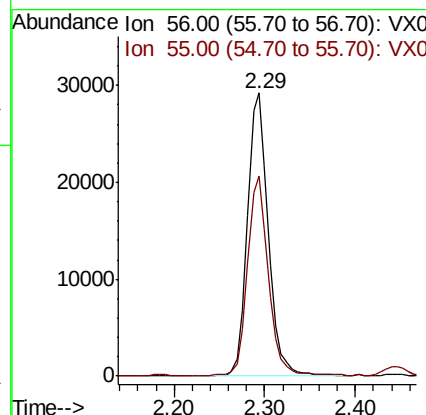
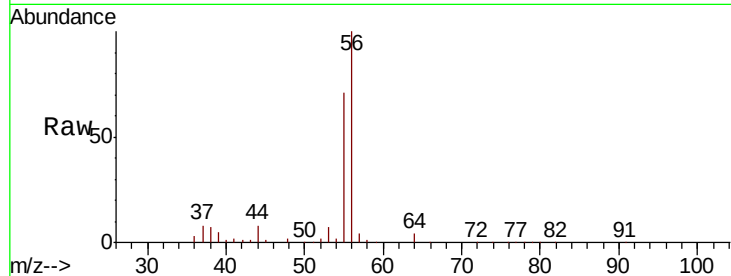




#13
 Acrolein
 Concen: 201.70 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

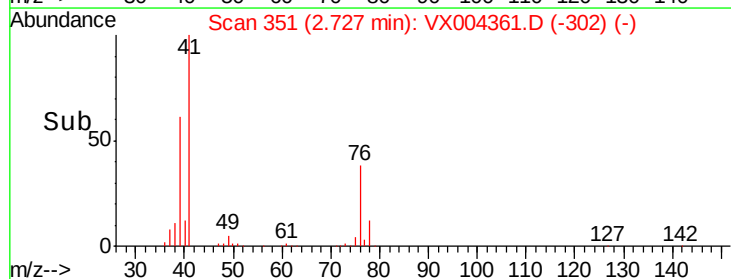
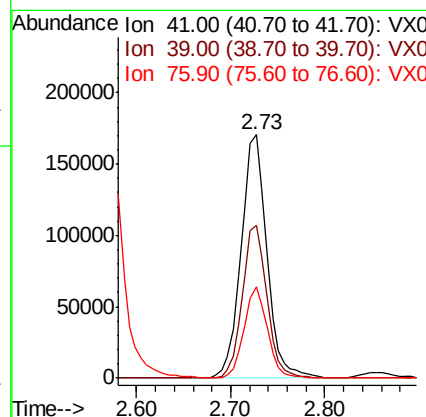
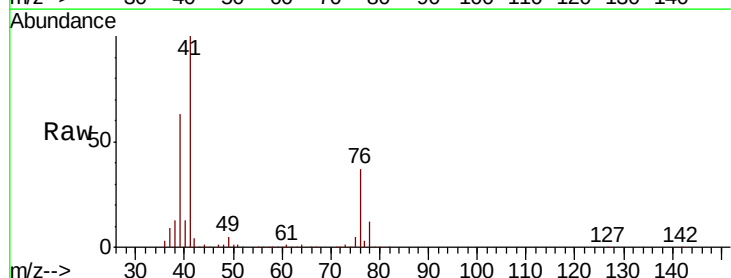
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

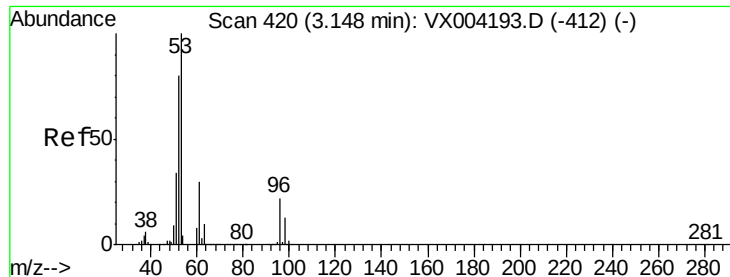
Tot Ion: 56 Resp: 46616
 Ion Ratio Lower Upper
 56 100
 55 69.5 54.7 82.1



#14
 Allyl chloride
 Concen: 48.47 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion: 41 Resp: 325559
 Ion Ratio Lower Upper
 41 100
 39 59.9 48.9 73.3
 76 33.9 26.7 40.1





#15

Acrylonitrile

Concen: 228.16 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

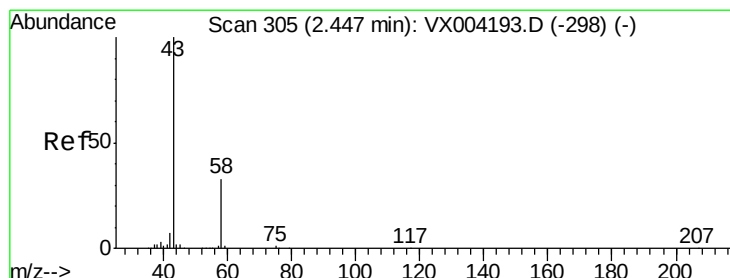
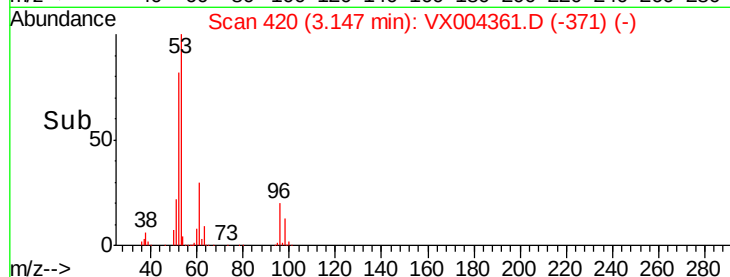
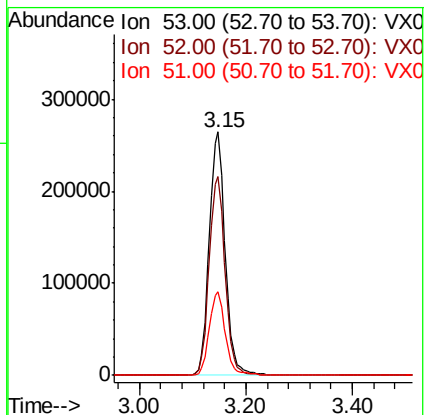
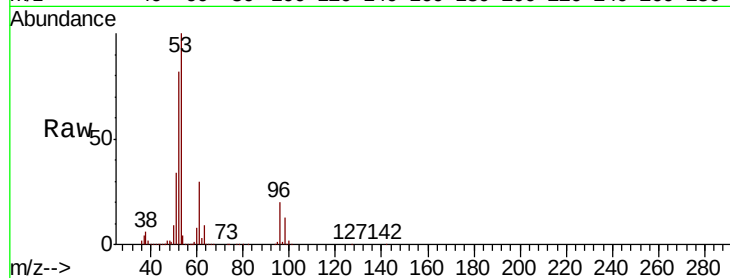
Tot Ion: 53 Resp: 541692

Ion Ratio Lower Upper

53 100

52 81.9 65.2 97.8

51 34.7 28.2 42.2



#16

Acetone

Concen: 268.48 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004361.D

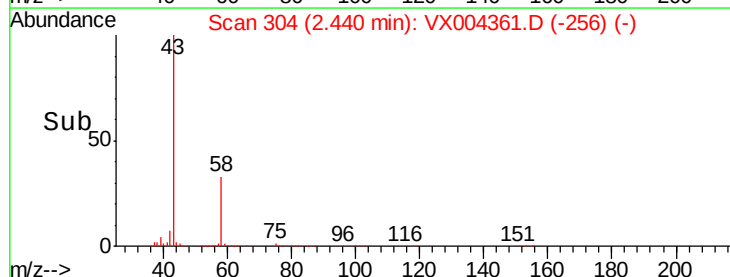
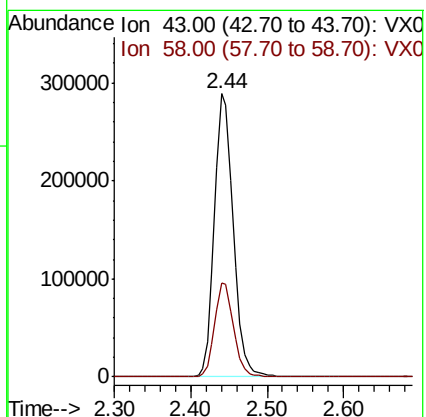
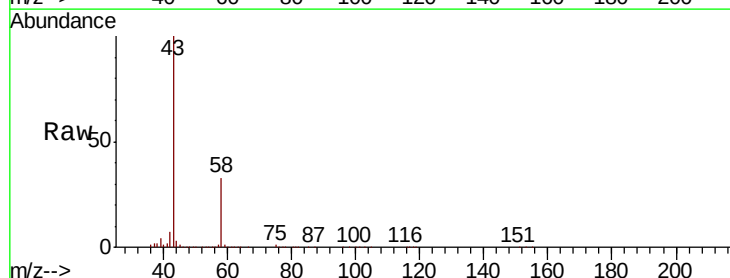
Acq: 05 Sep 2018 10:09

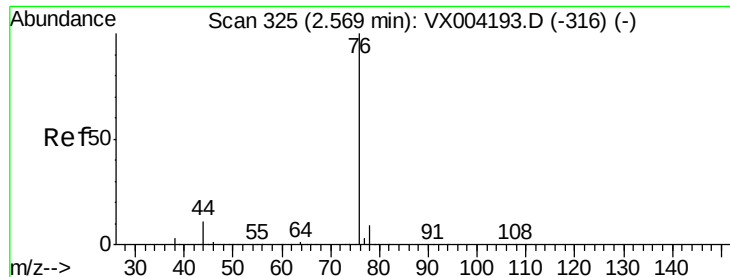
Tgt Ion: 43 Resp: 491794

Ion Ratio Lower Upper

43 100

58 33.1 26.2 39.4

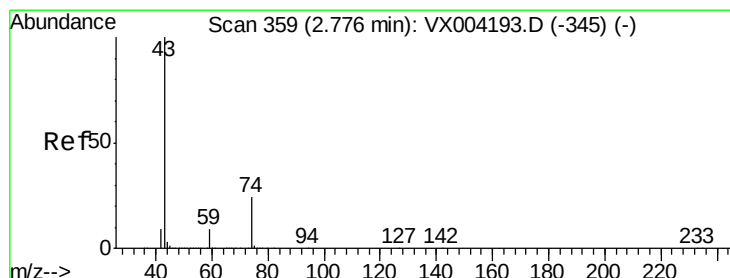
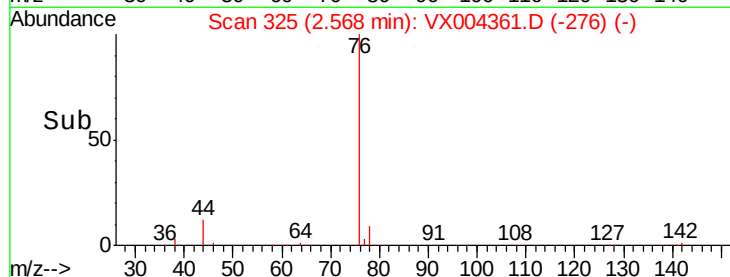
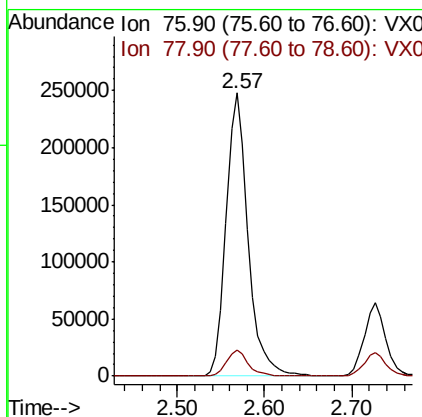
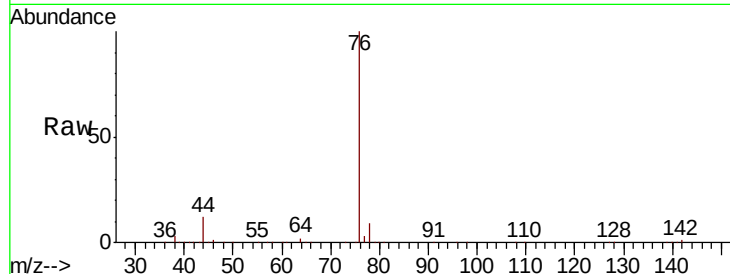




#17
Carbon Disulfide
Concen: 42.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

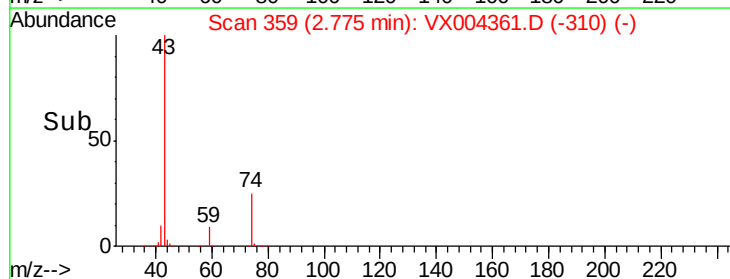
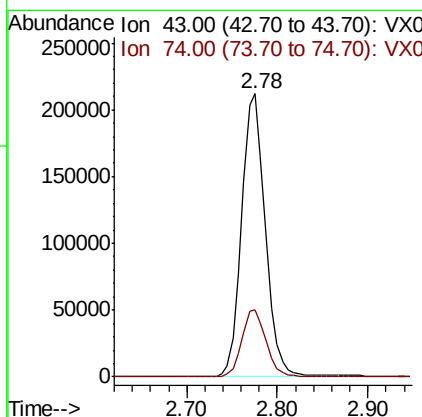
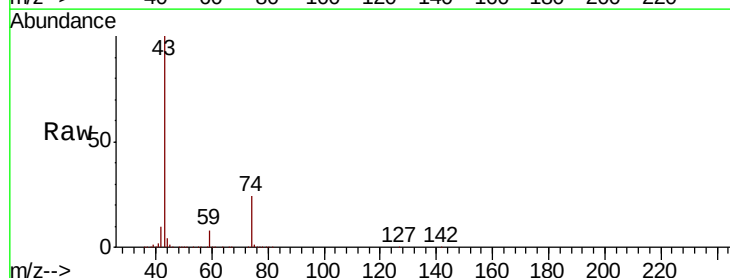
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

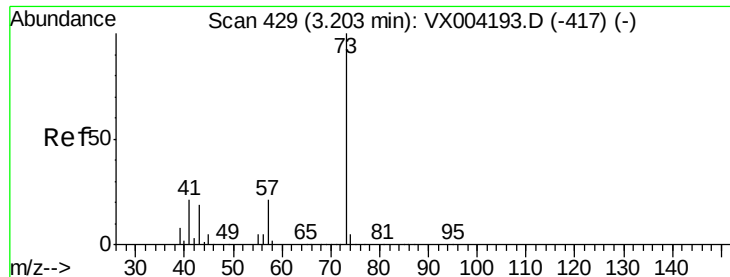
Tot Ion: 76 Resp: 432037
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 57.40 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 43 Resp: 383056
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2

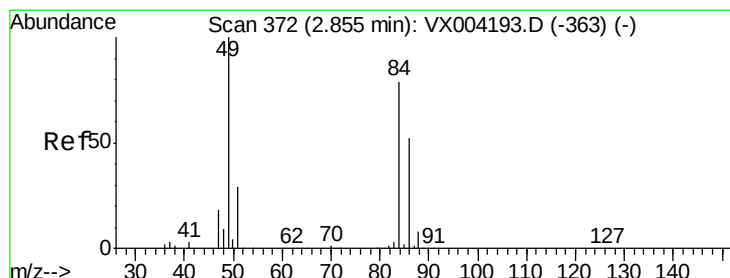
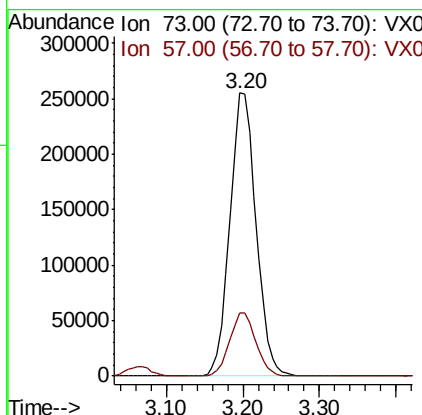
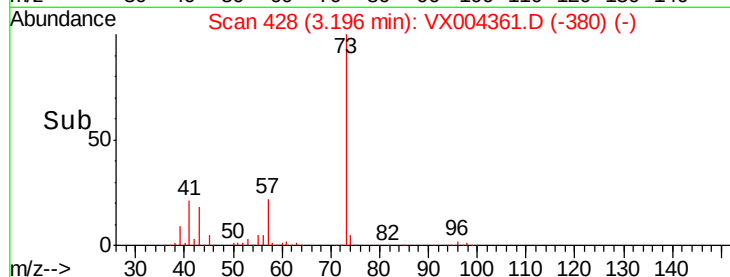
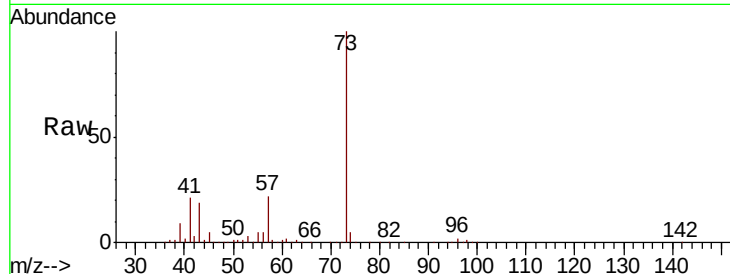




#19
Methyl tert-butyl Ether
Concen: 50.30 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

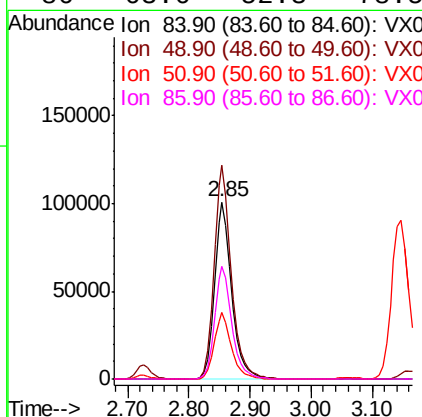
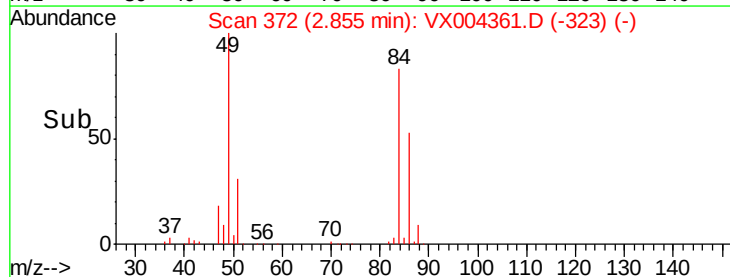
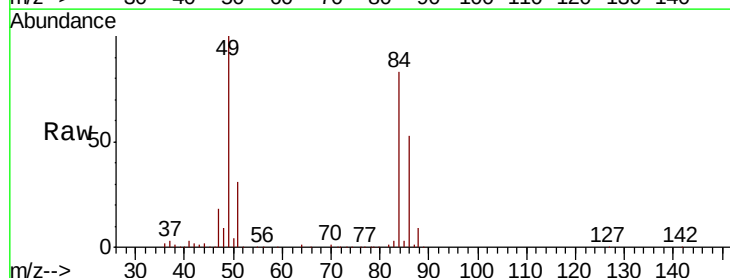
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

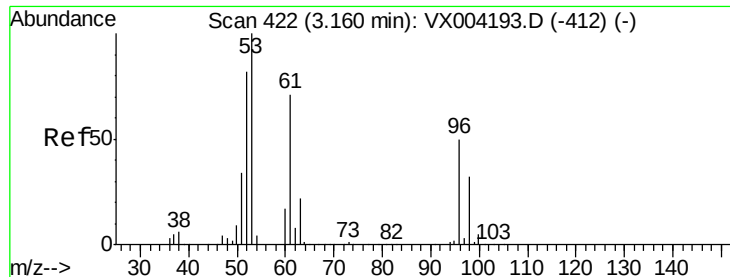
Tot Ion: 73 Resp: 605901
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 46.18 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 84 Resp: 199944
Ion Ratio Lower Upper
84 100
49 120.6 101.2 151.8
51 37.5 29.5 44.3
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

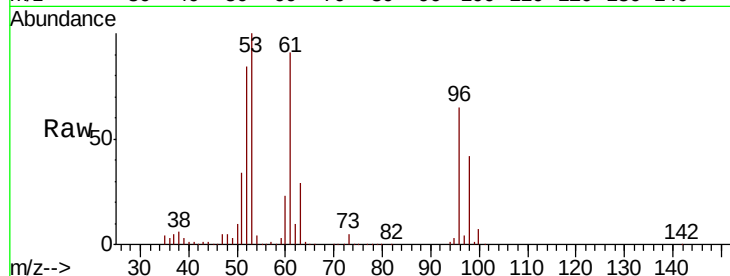
Tot Ion: 96 Resp: 184687

Ion Ratio Lower Upper

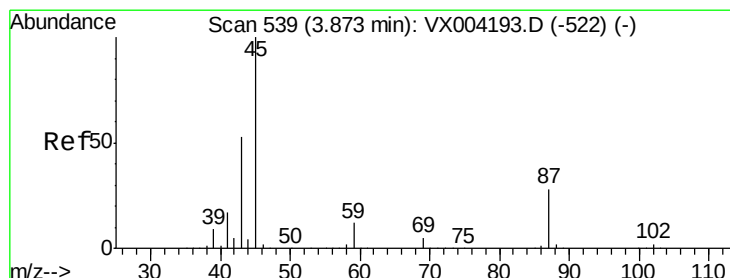
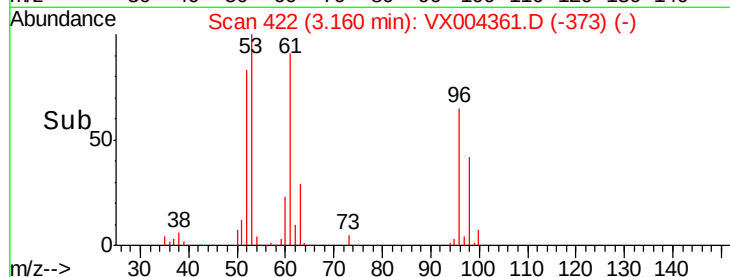
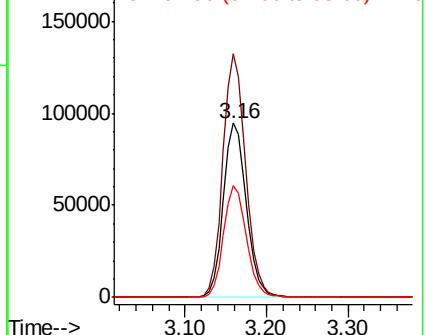
96 100

61 139.6 113.8 170.6

98 64.0 51.8 77.8



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



#22

Diisopropyl ether

Concen: 50.79 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Tgt Ion: 45 Resp: 636942

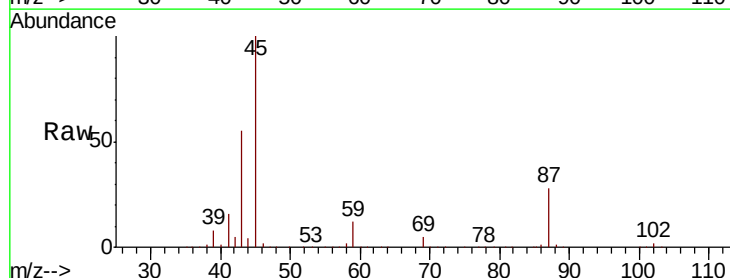
Ion Ratio Lower Upper

45 100

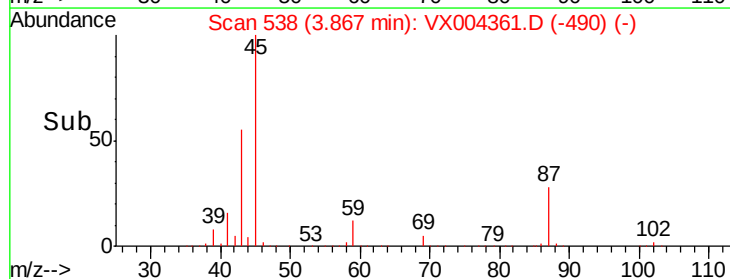
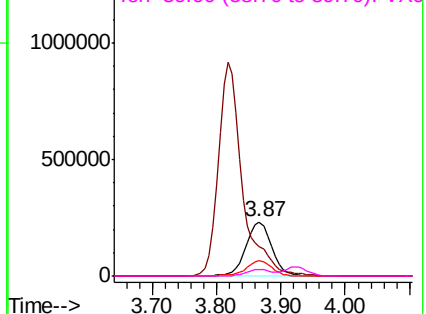
43 54.8 42.8 64.2

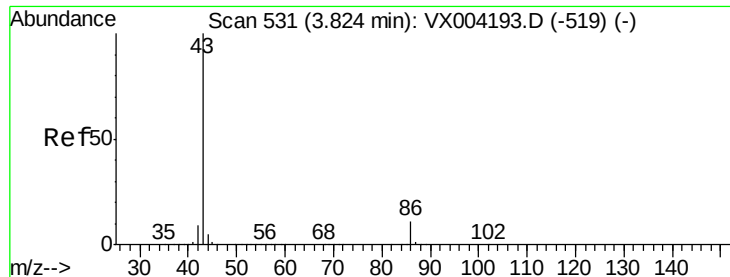
87 28.4 22.6 34.0

59 11.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 237.26 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

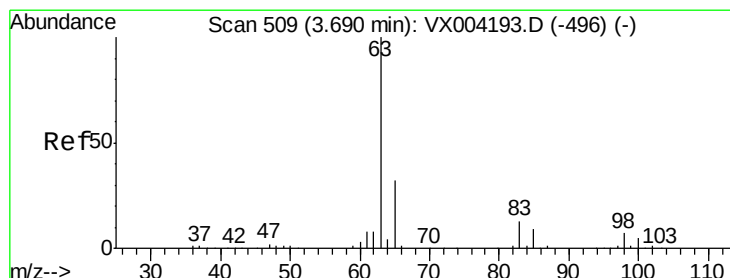
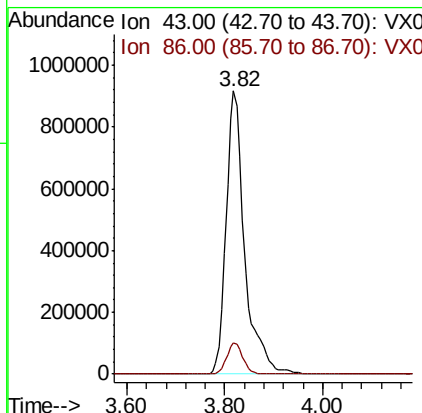
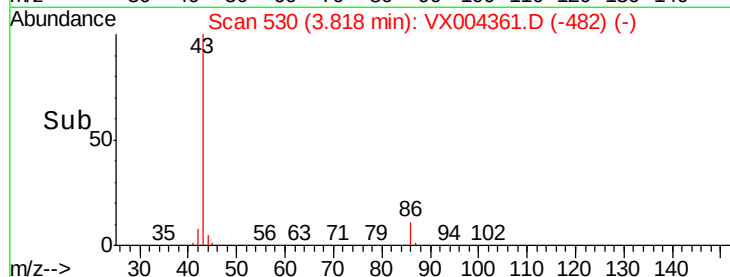
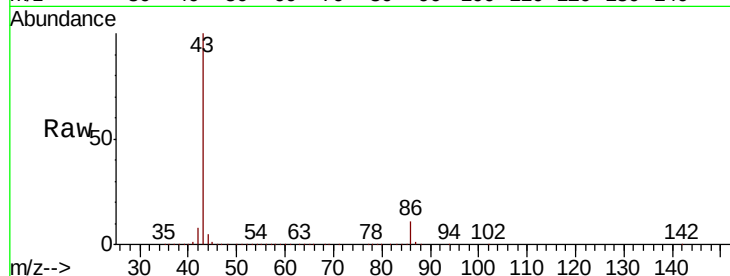
VSTDCCC050

Tot Ion: 43 Resp: 2411331

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.84 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

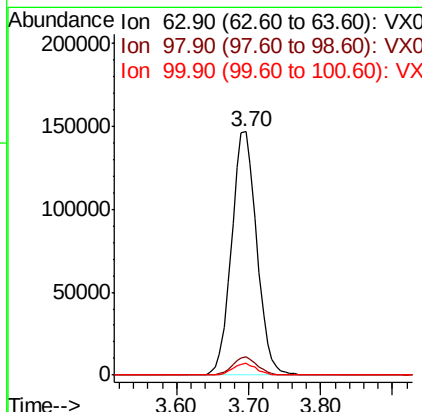
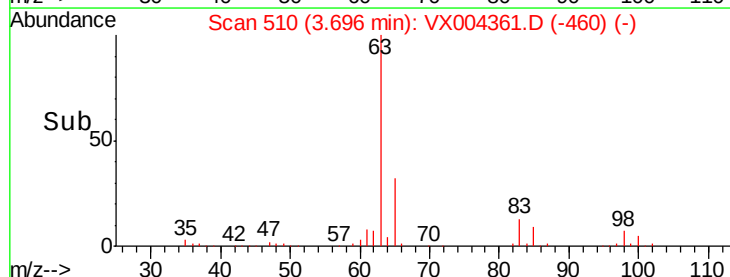
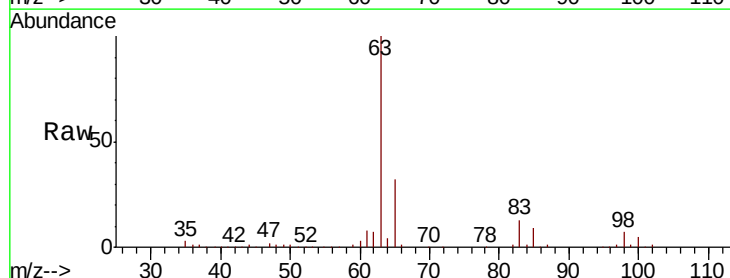
Tgt Ion: 63 Resp: 356906

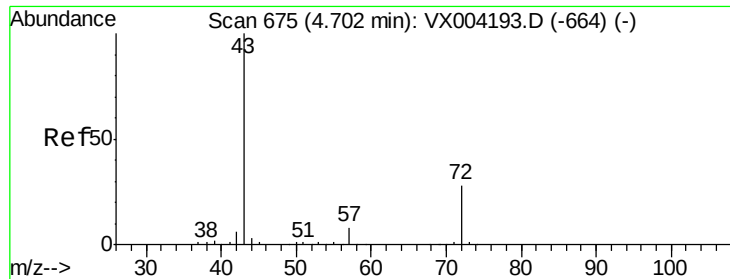
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.4 7.1

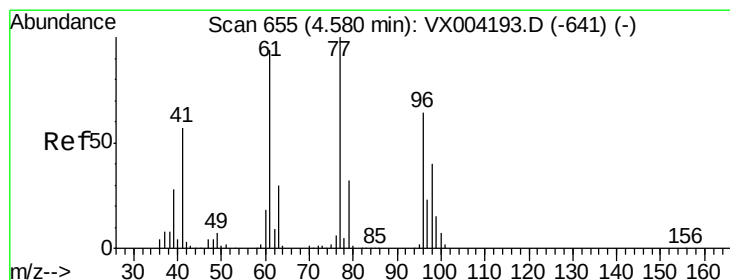
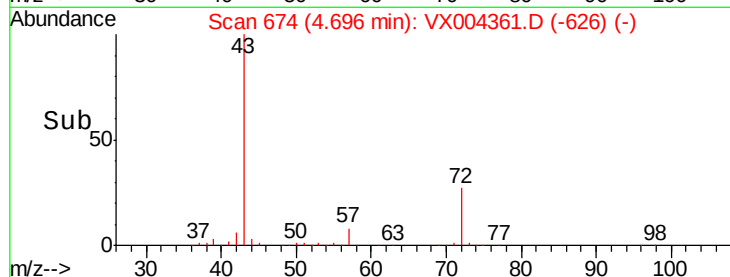
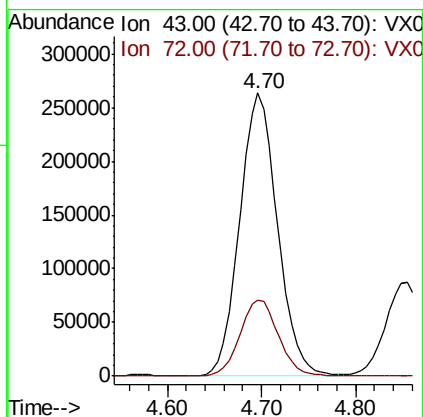
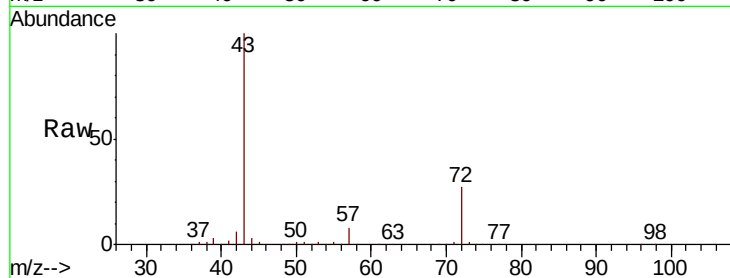




#25
2-Butanone
Concen: 244.76 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

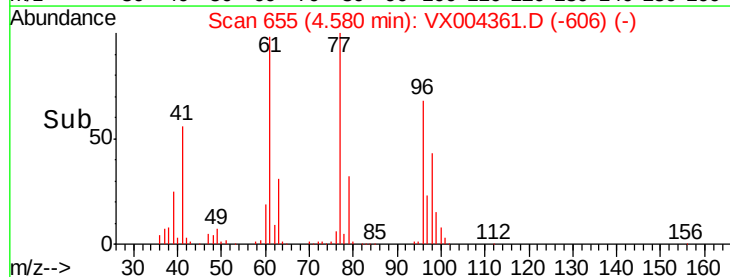
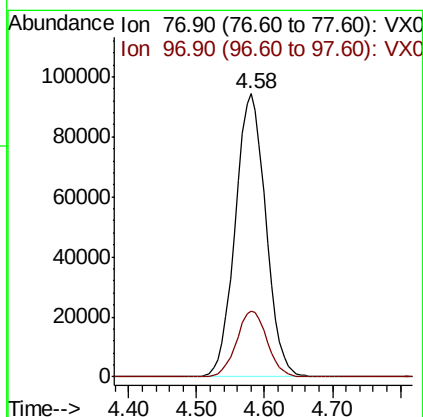
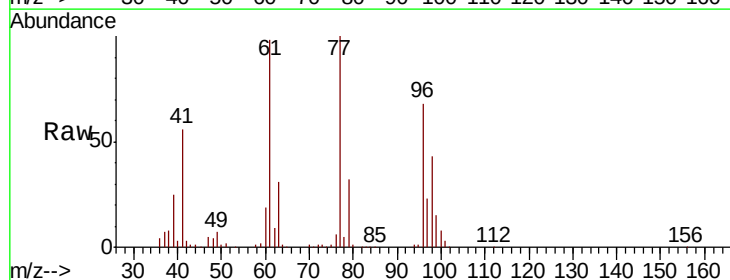
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

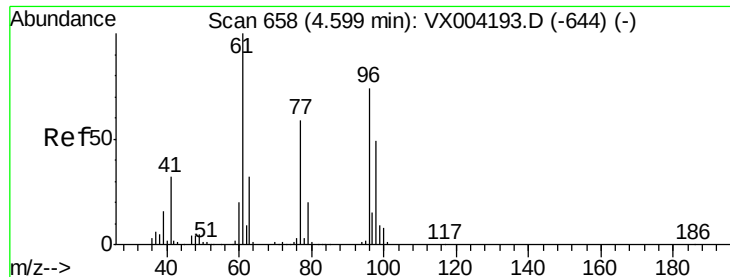
Tot Ion: 43 Resp: 737769
Ion Ratio Lower Upper
43 100
72 27.0 22.0 33.0



#26
2,2-Dichloropropane
Concen: 51.34 ug/l
RT: 4.58 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 77 Resp: 294251
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.57 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

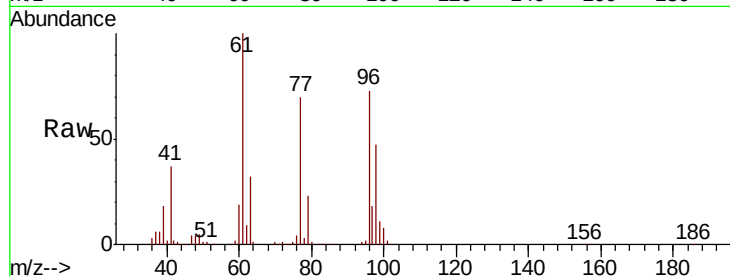
Tot Ion: 96 Resp: 222867

Ion Ratio Lower Upper

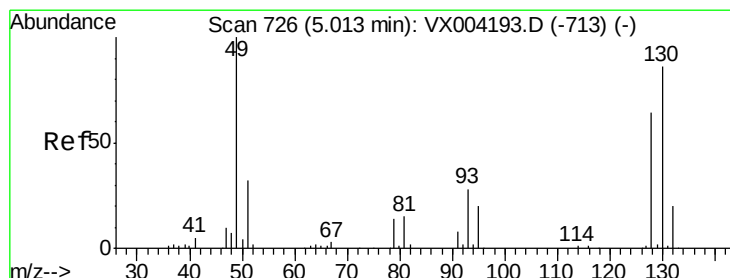
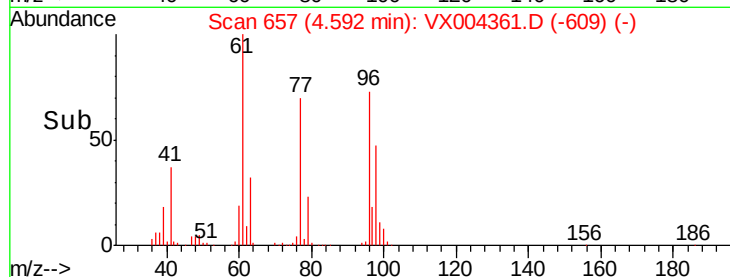
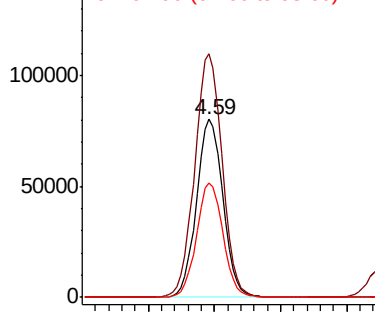
96 100

61 141.4 0.0 282.6

98 64.2 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: 51.26 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

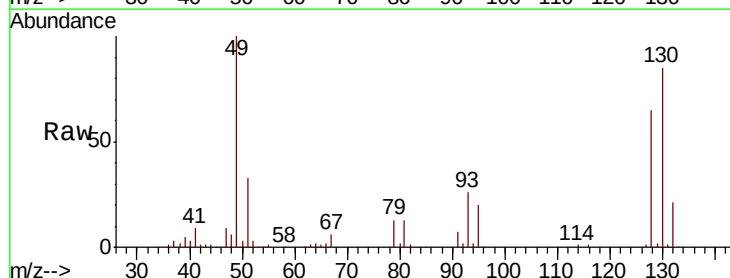
Tgt Ion: 49 Resp: 165838

Ion Ratio Lower Upper

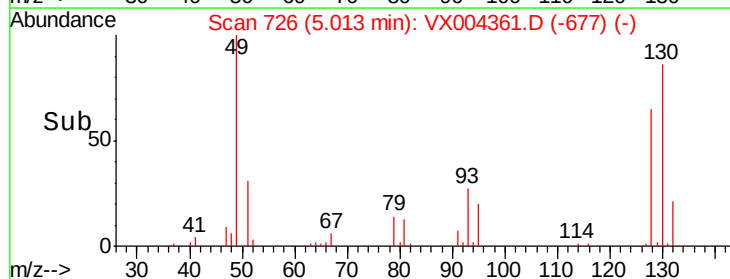
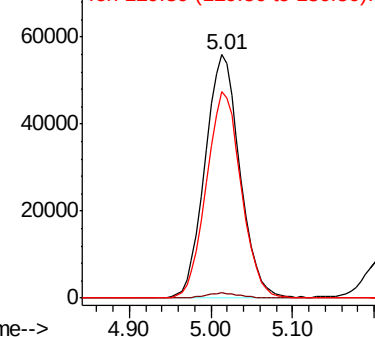
49 100

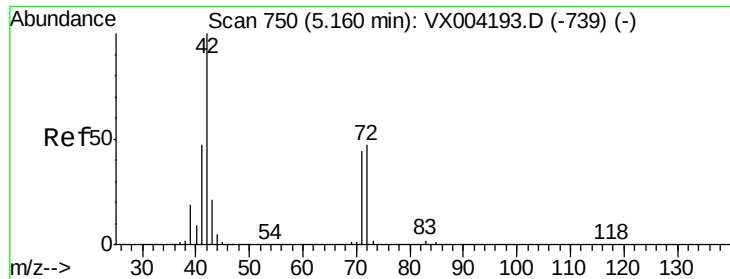
129 2.1 0.0 4.2

130 84.7 67.5 101.3



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: 231.16 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

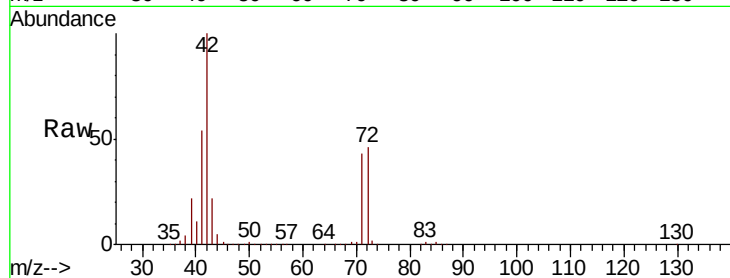
Tot Ion: 42 Resp: 446666

Ion Ratio Lower Upper

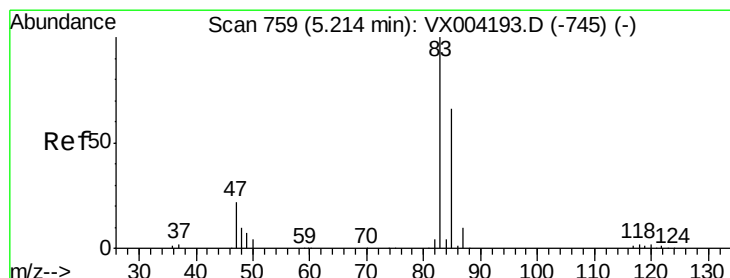
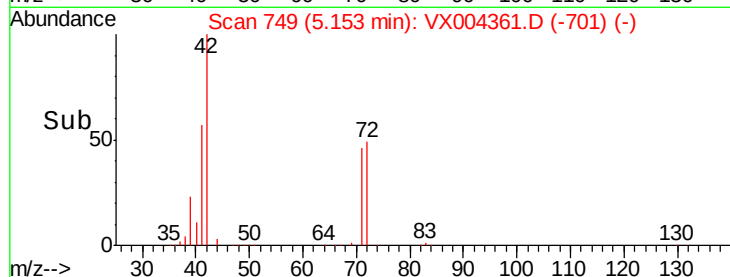
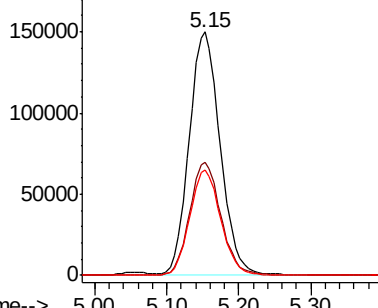
42 100

72 47.0 37.4 56.0

71 43.3 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.92 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004361.D

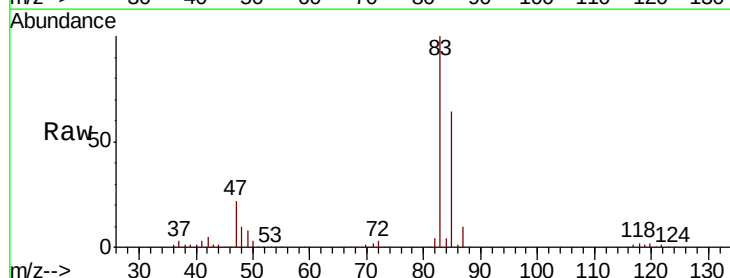
Acq: 05 Sep 2018 10:09

Tgt Ion: 83 Resp: 358448

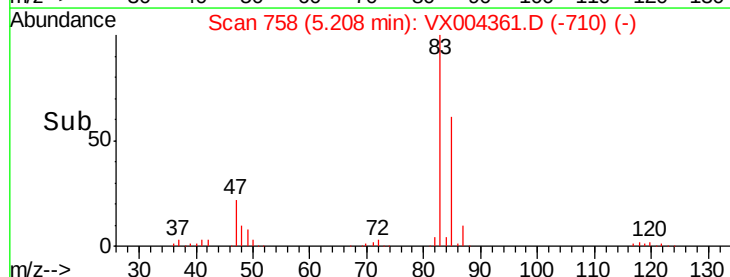
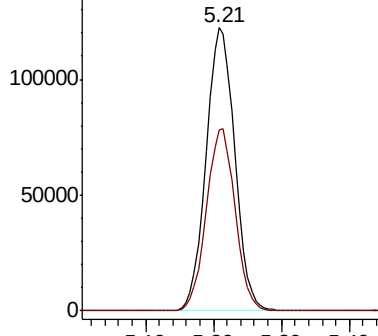
Ion Ratio Lower Upper

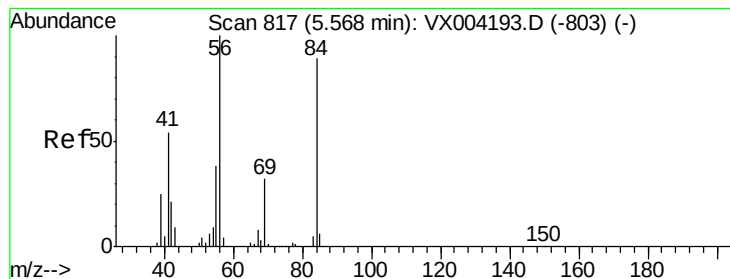
83 100

85 64.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.78 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

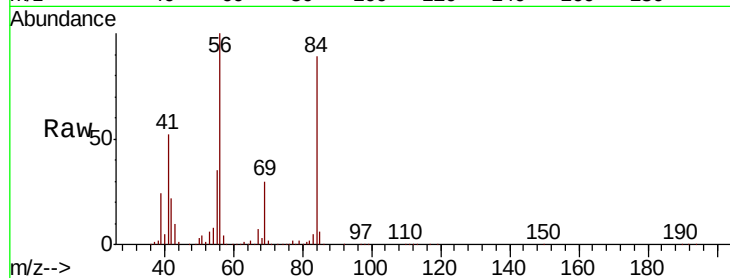
Tot Ion: 56 Resp: 307586

Ion Ratio Lower Upper

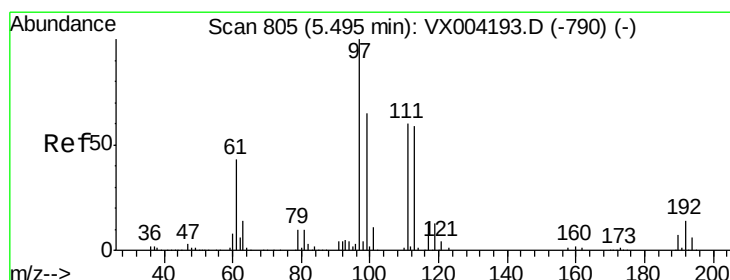
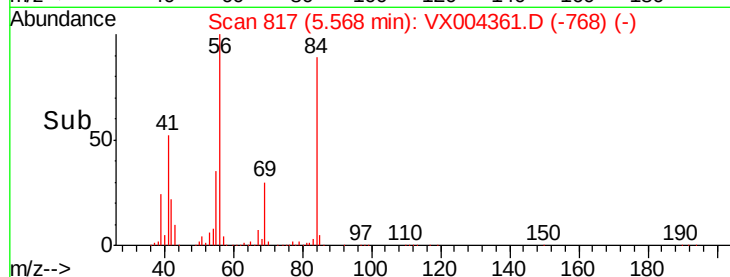
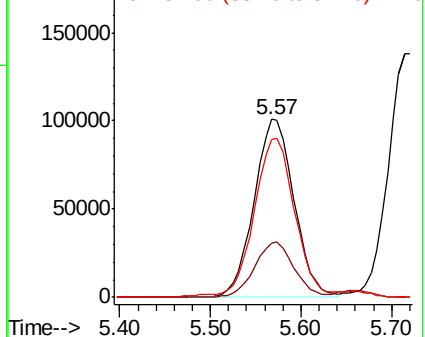
56 100

69 30.4 25.4 38.2

84 87.7 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.10 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

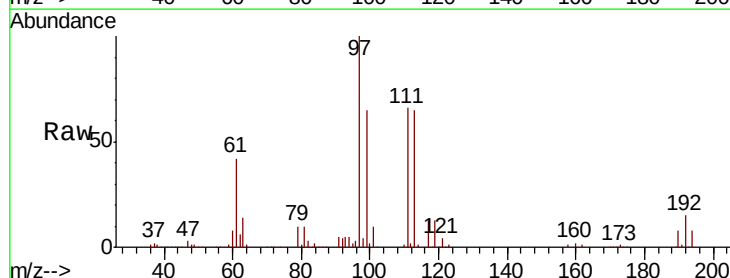
Tgt Ion: 97 Resp: 299983

Ion Ratio Lower Upper

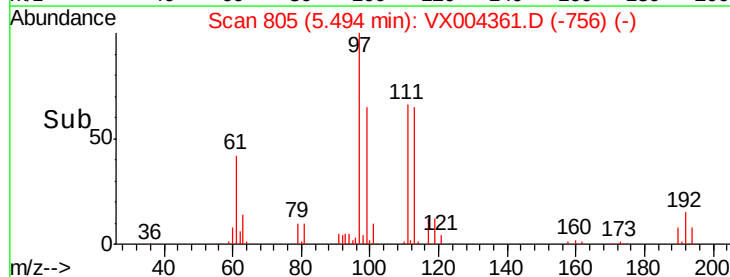
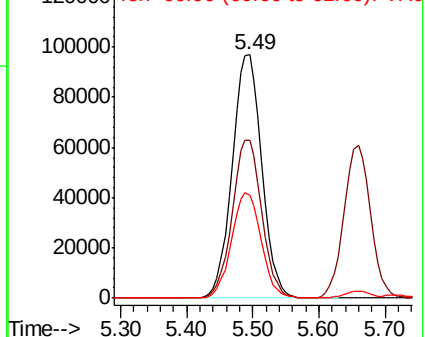
97 100

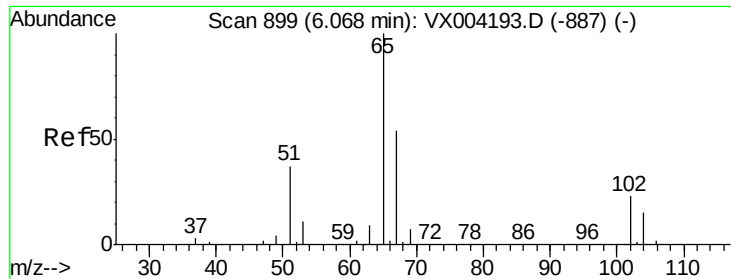
99 64.8 52.0 78.0

61 43.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

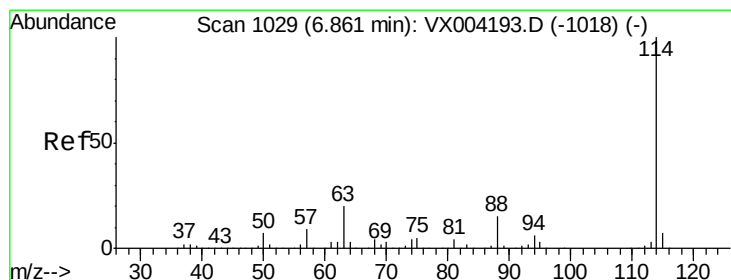
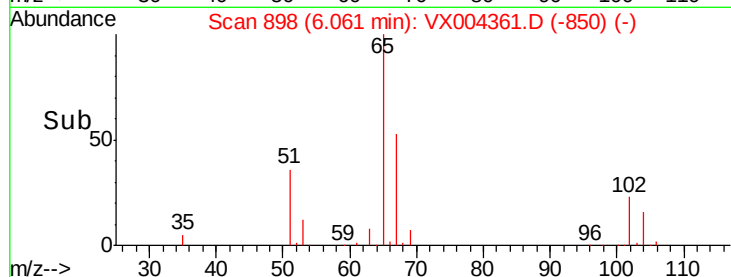
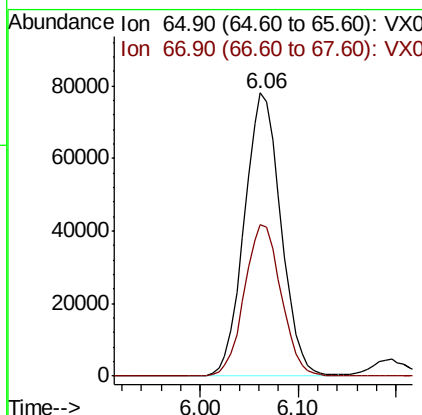
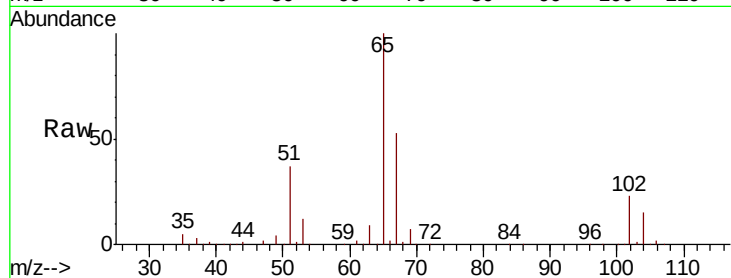




#33
 1,2-Dichloroethane-d4
 Concen: 45.05 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

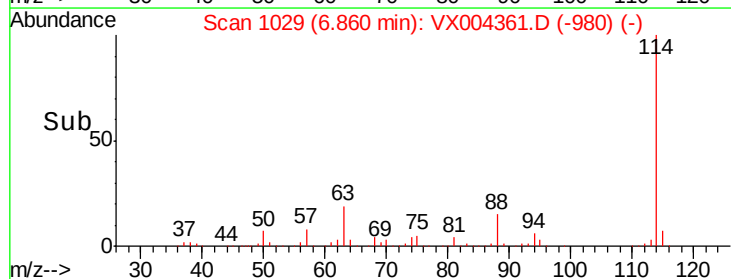
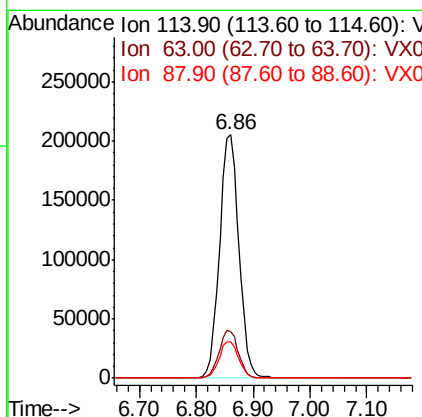
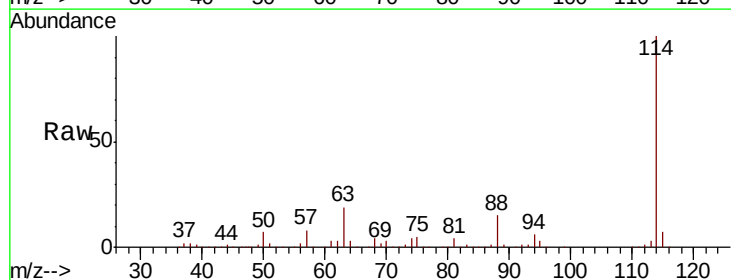
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

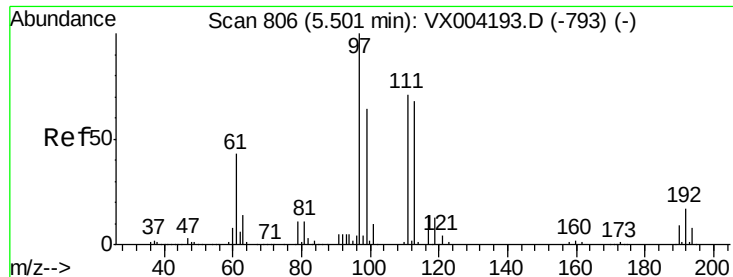
Tot Ion: 65 Resp: 202585
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion: 114 Resp: 485185
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.9 0.0 30.4

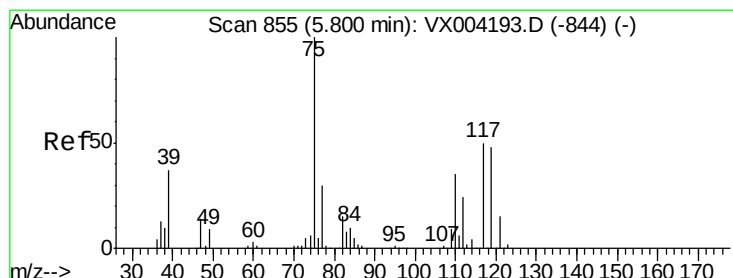
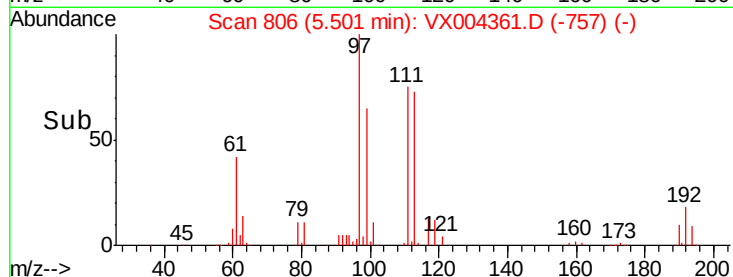
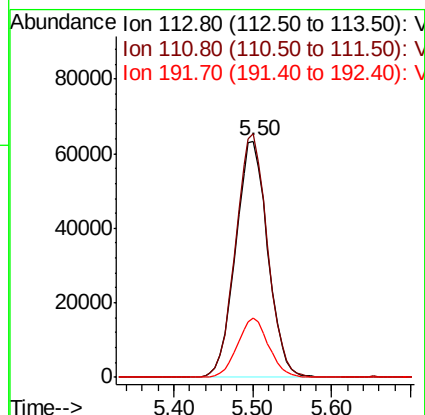
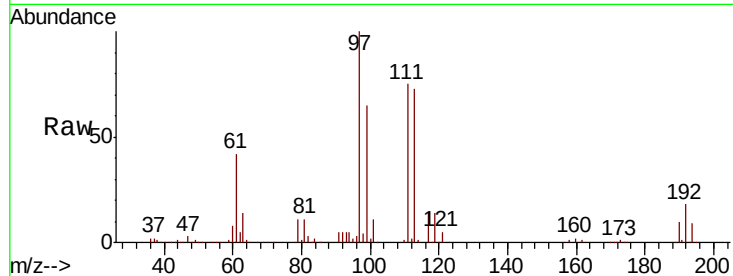




#35
 Dibromofluoromethane
 Concen: 49.75 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

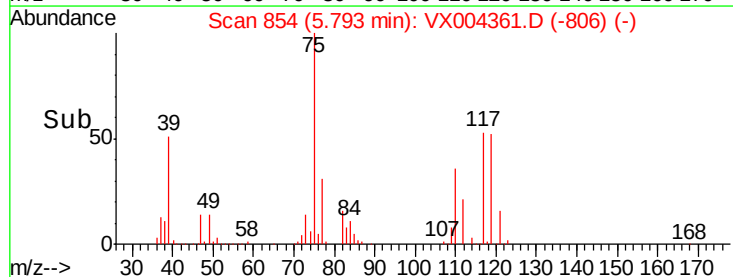
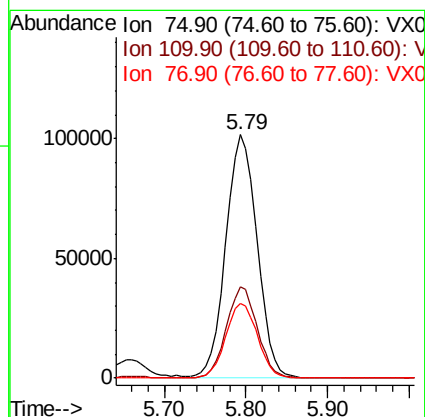
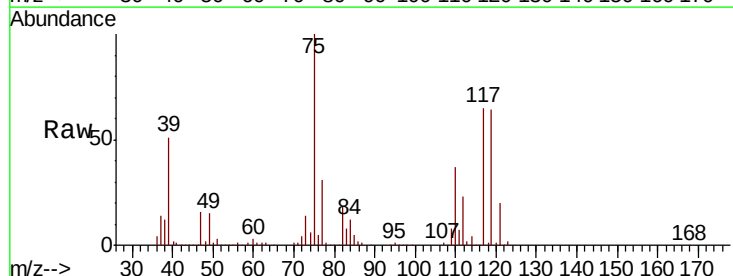
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

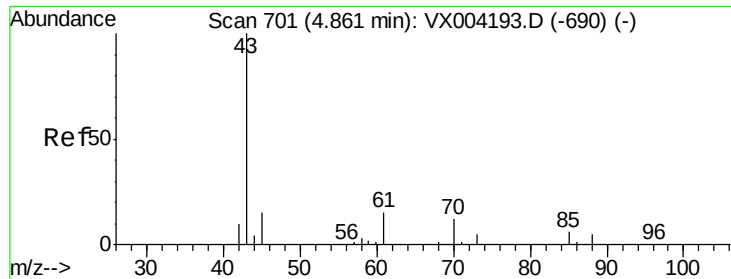
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	24.3	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 49.36 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.0	54.0
77	31.4	24.6	36.8

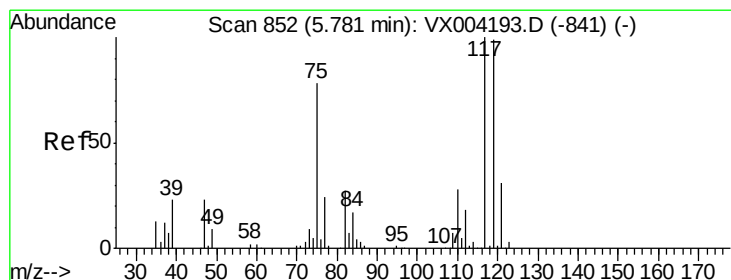
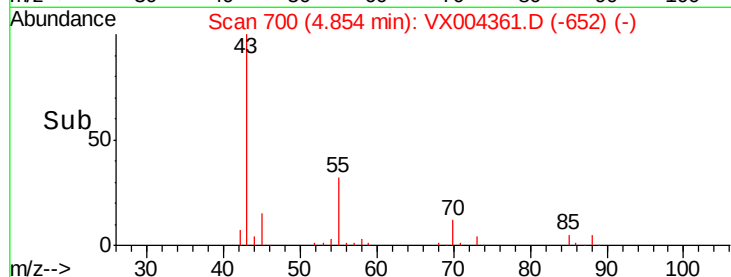
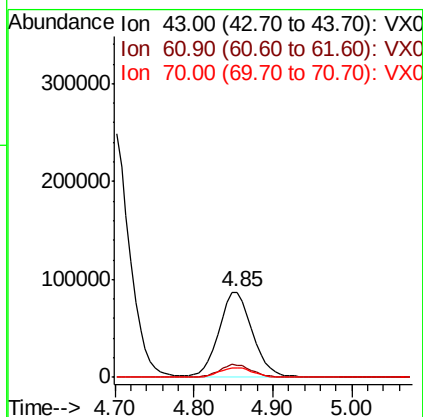
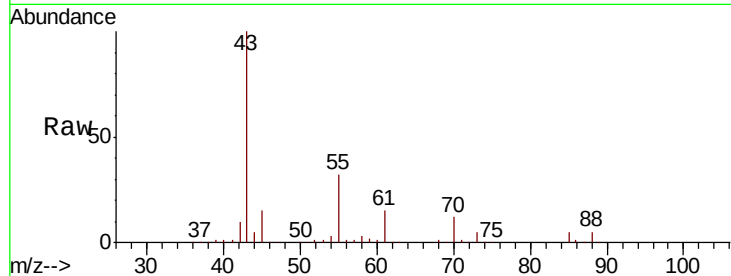




#37
Ethyl Acetate
Concen: 47.58 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

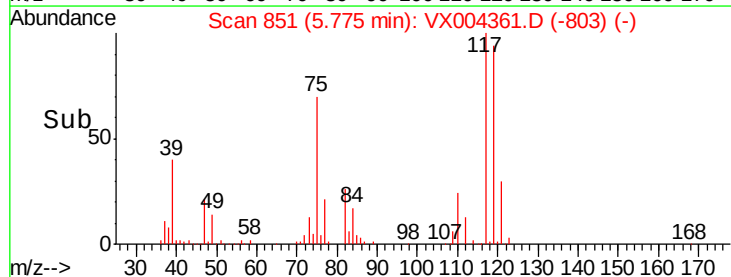
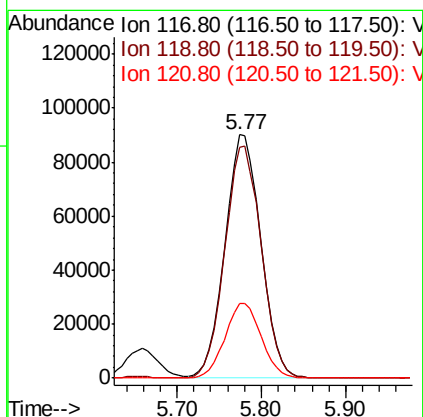
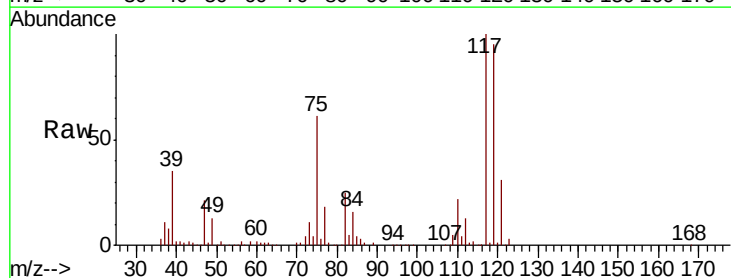
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

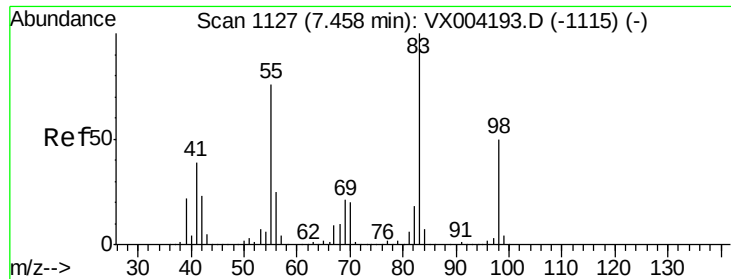
Tot Ion: 43 Resp: 255223
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.80 ug/l
RT: 5.77 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 117 Resp: 260687
Ion Ratio Lower Upper
117 100
119 94.6 78.8 118.2
121 30.6 24.9 37.3

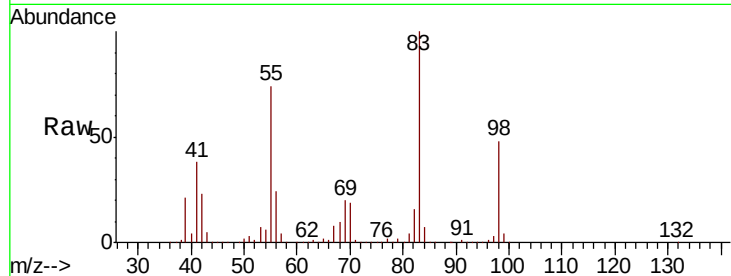




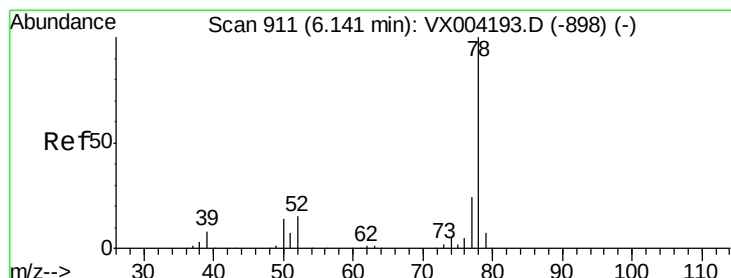
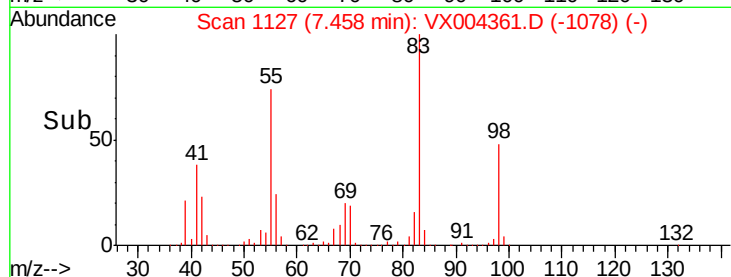
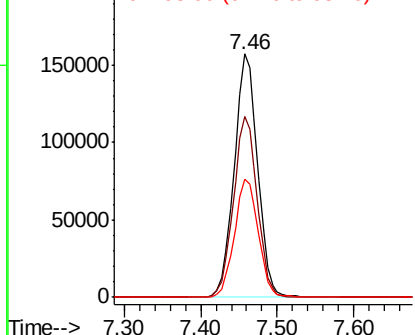
#39
Methylvlcyclohexane
Concen: 53.44 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 332828
Ion Ratio Lower Upper
83 100
55 74.2 61.0 91.4
98 48.3 39.6 59.4

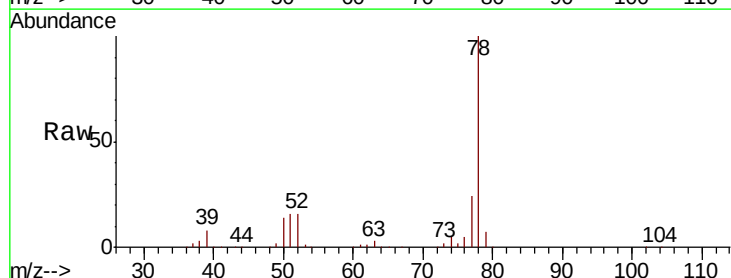


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

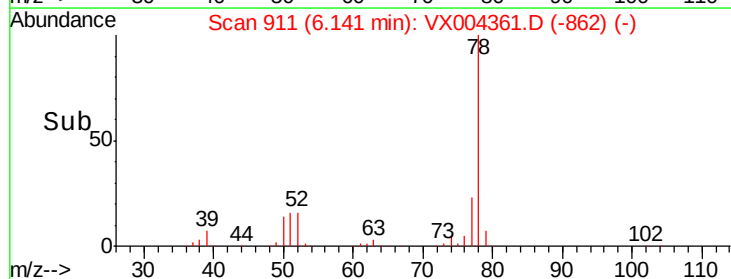
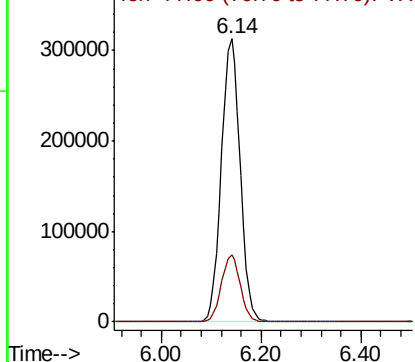


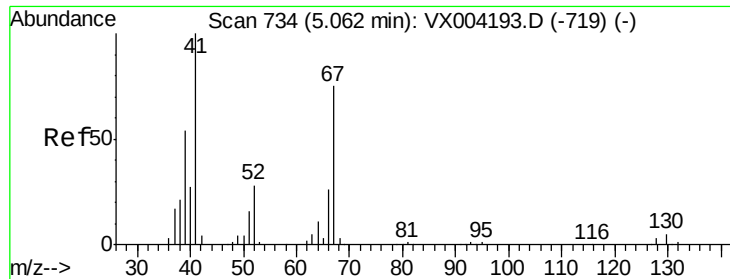
#40
Benzene
Concen: 50.30 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 78 Resp: 819820
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

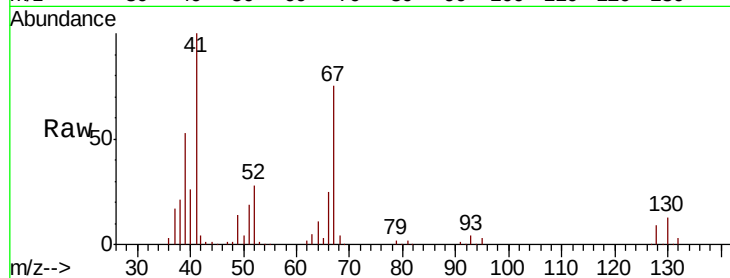




#41
Methacrylonitrile
Concen: 50.12 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	155856
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.4	63.6
67	74.7	59.2	88.8
52	29.5	23.0	34.4



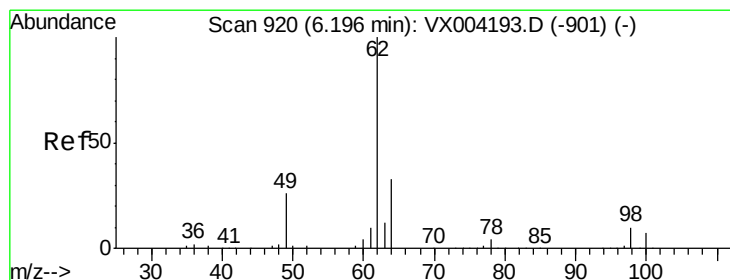
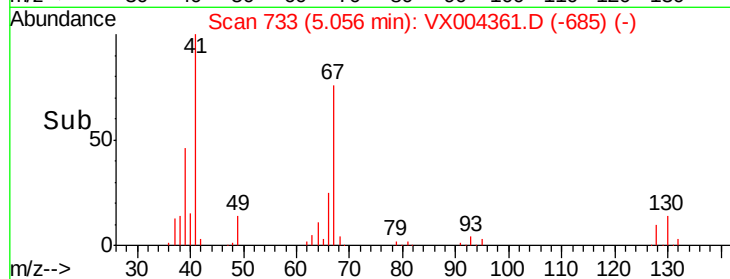
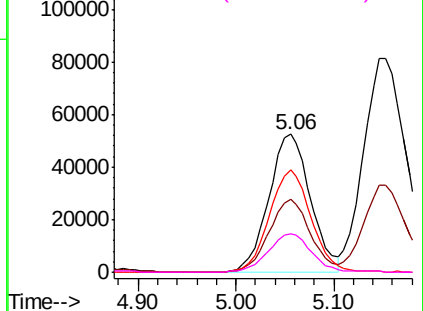
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

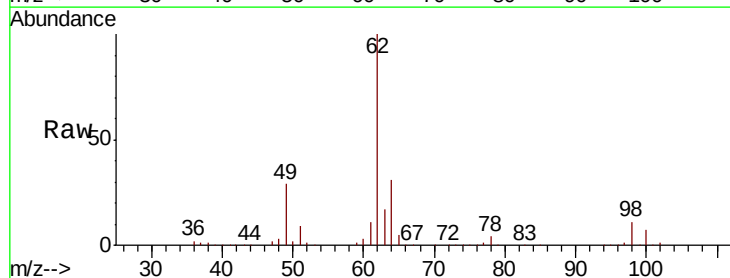
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.22 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

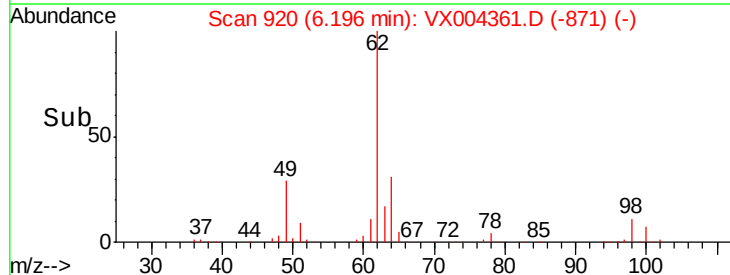
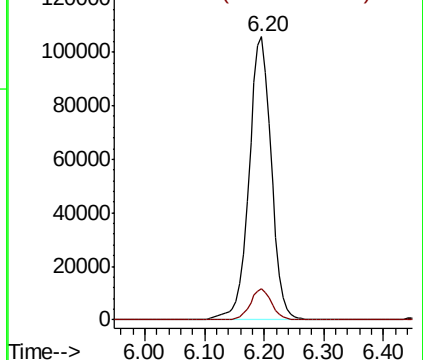
Tgt Ion:	62	Resp:	273636
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6

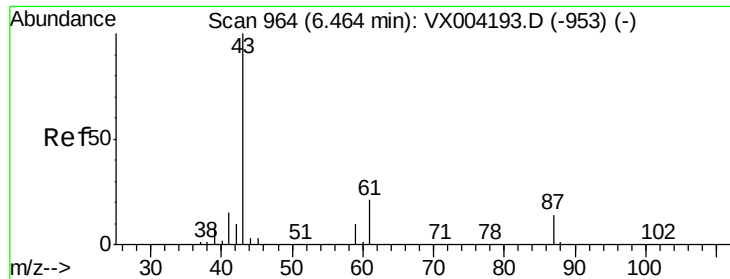


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.36 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

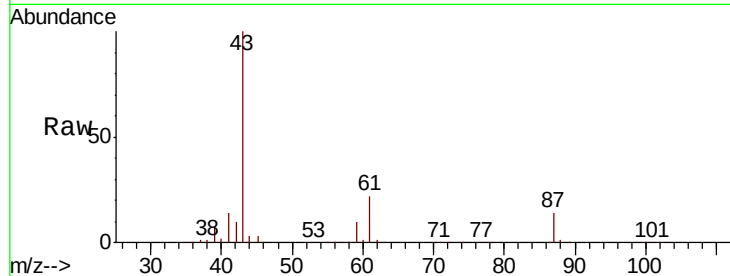
Tot Ion: 43 Resp: 423382

Ion Ratio Lower Upper

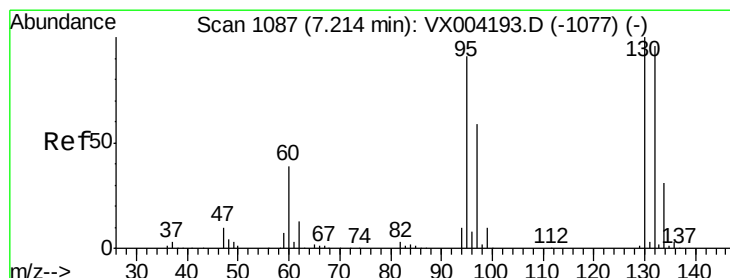
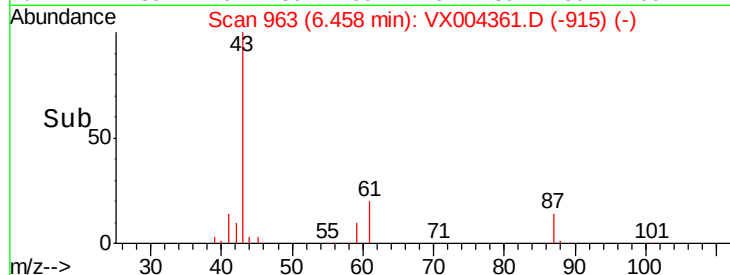
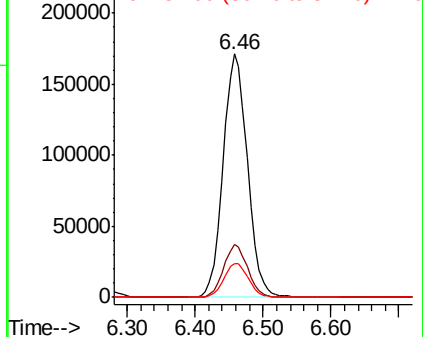
43 100

61 21.4 17.0 25.4

87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.02 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004361.D

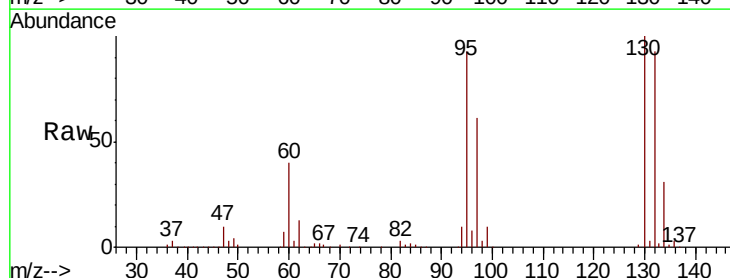
Acq: 05 Sep 2018 10:09

Tgt Ion:130 Resp: 225662

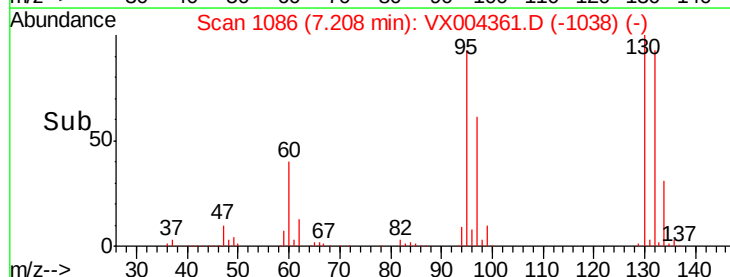
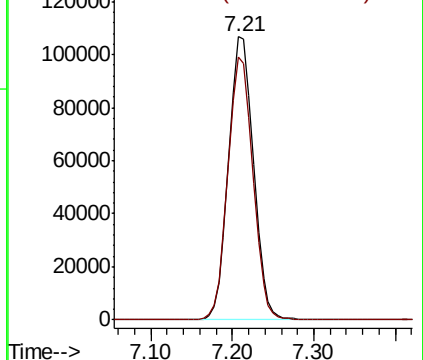
Ion Ratio Lower Upper

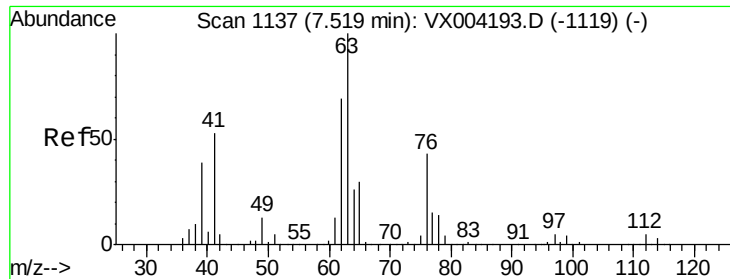
130 100

95 93.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

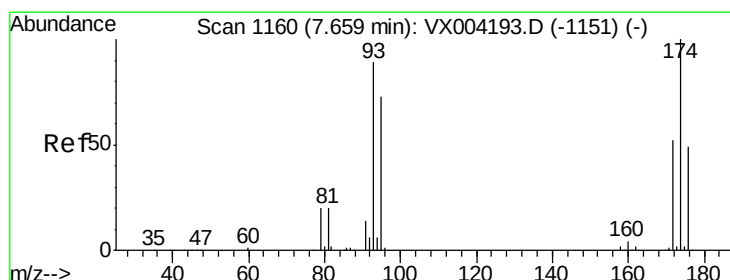
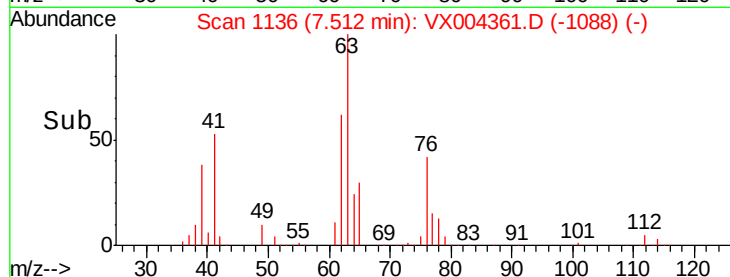
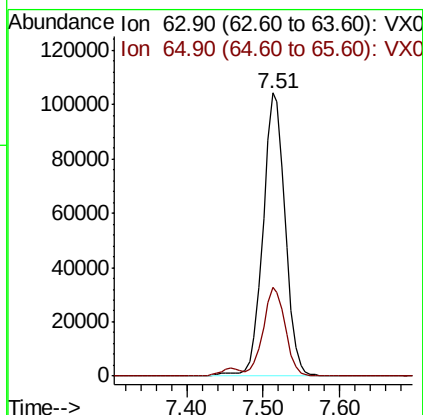
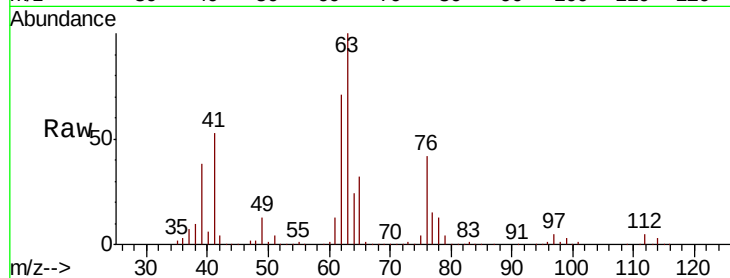




#45
 1,2-Dichloropropane
 Concen: 51.93 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

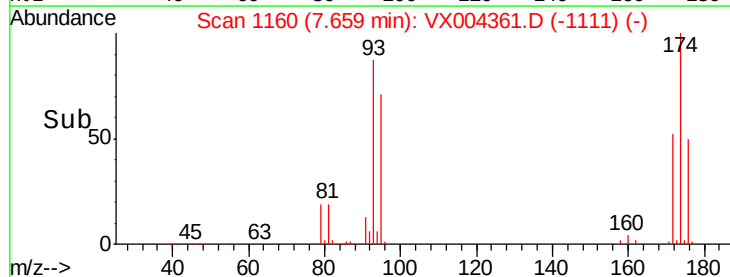
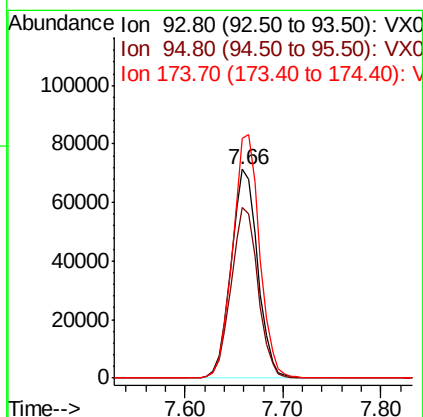
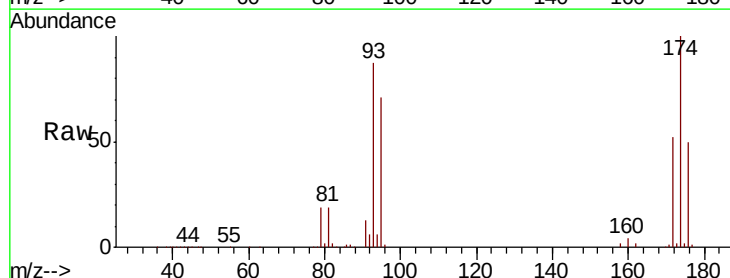
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

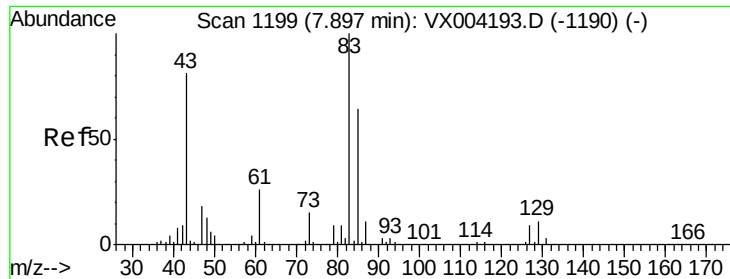
Tot Ion: 63 Resp: 211836
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 49.64 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion: 93 Resp: 134840
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 118.0 94.2 141.4





#47

Bromodichloromethane

Concen: 52.67 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

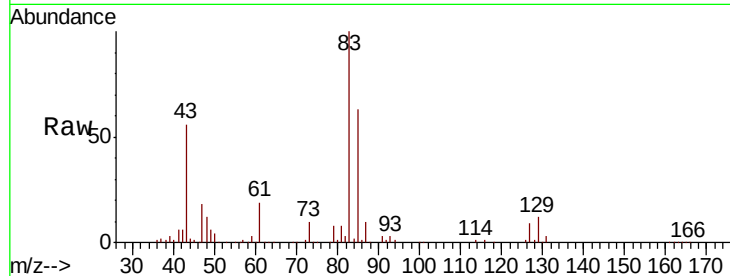
Tot Ion: 83 Resp: 266218

Ion Ratio Lower Upper

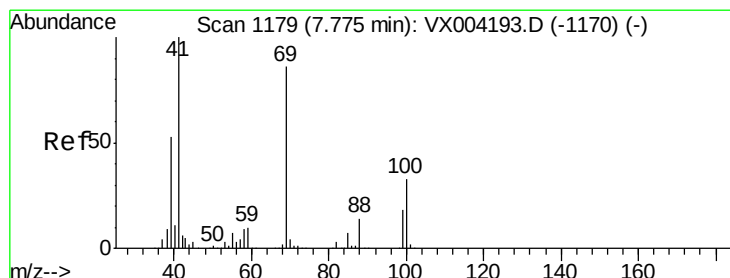
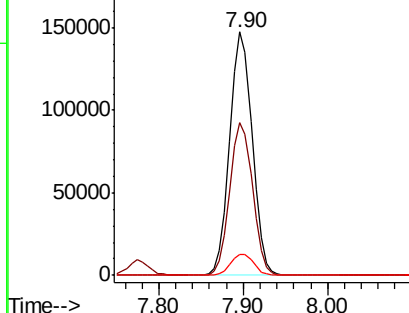
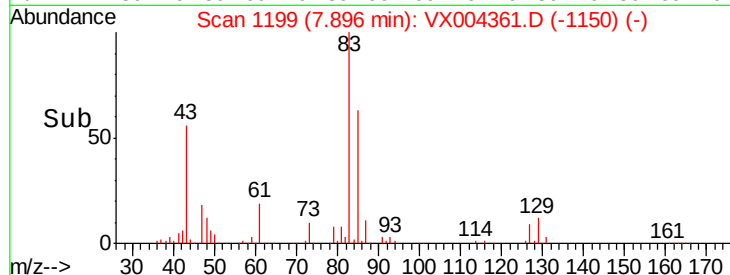
83 100

85 62.8 50.9 76.3

127 8.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 51.88 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

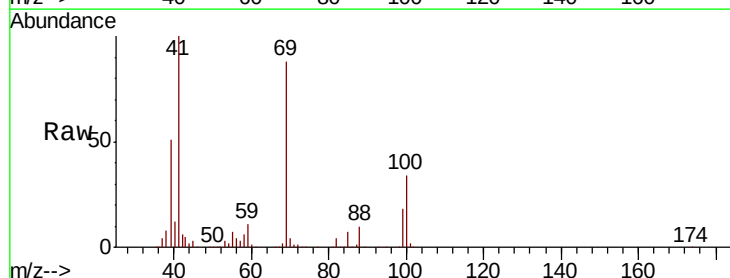
Tgt Ion: 41 Resp: 228841

Ion Ratio Lower Upper

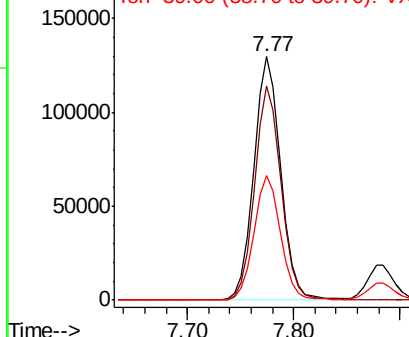
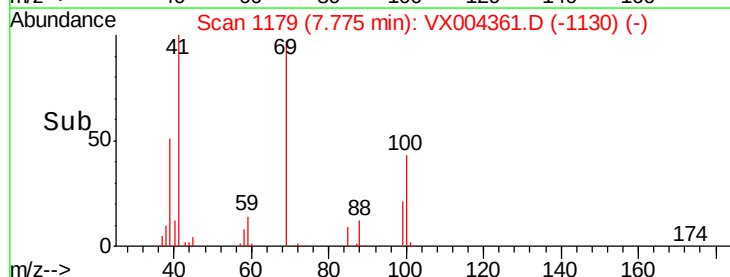
41 100

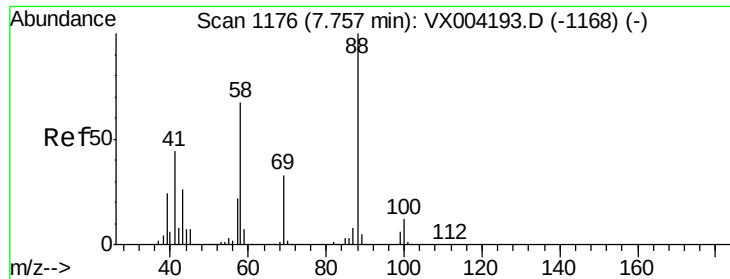
69 87.3 70.2 105.4

39 50.8 42.7 64.1



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





#49

1,4-Dioxane

Concen: 920.57 ug/l

RT: 7.75 min Scan# 1175

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

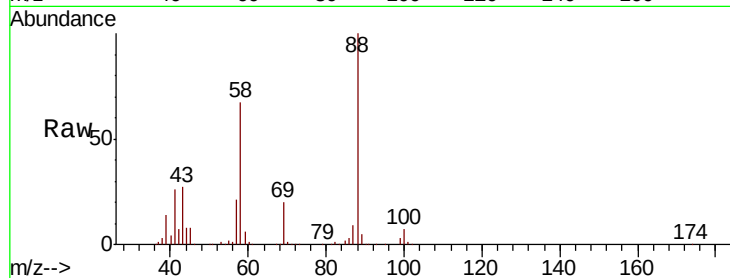
Tot Ion: 88 Resp: 92188

Ion Ratio Lower Upper

88 100

43 30.8 24.7 37.1

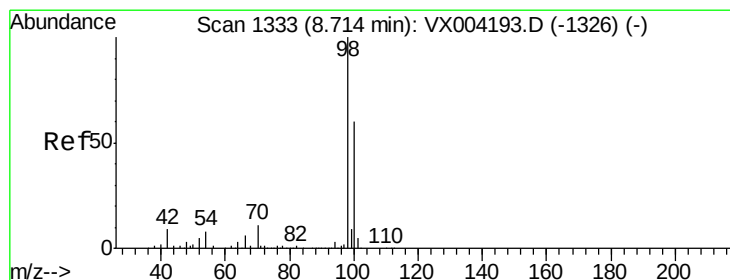
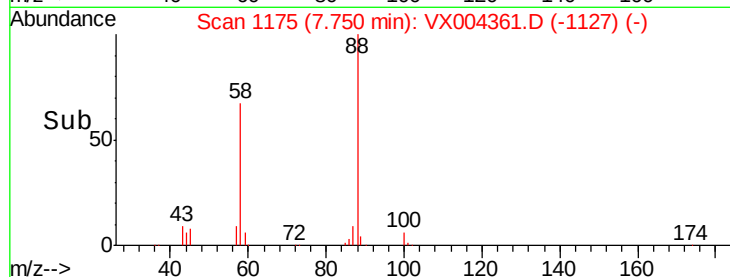
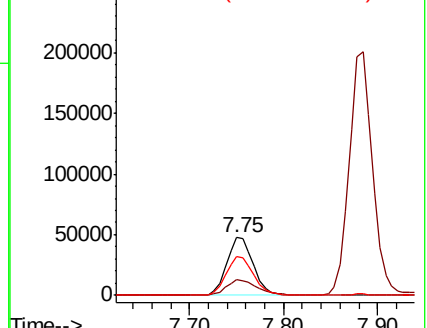
58 69.5 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.79 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004361.D

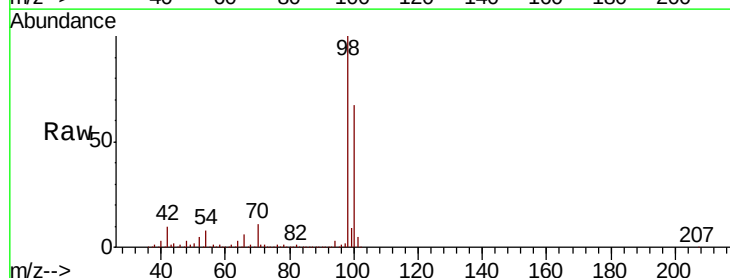
Acq: 05 Sep 2018 10:09

Tgt Ion: 98 Resp: 664795

Ion Ratio Lower Upper

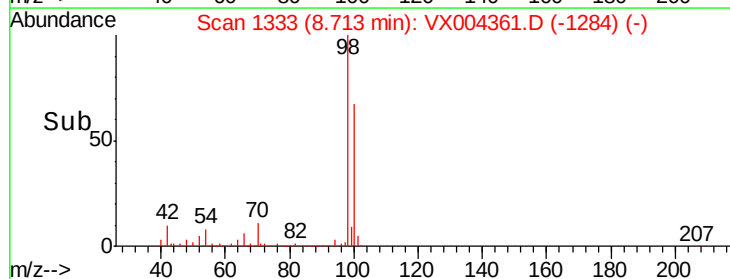
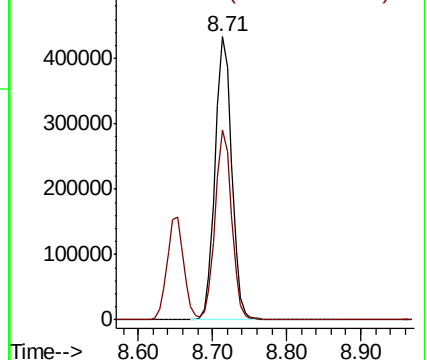
98 100

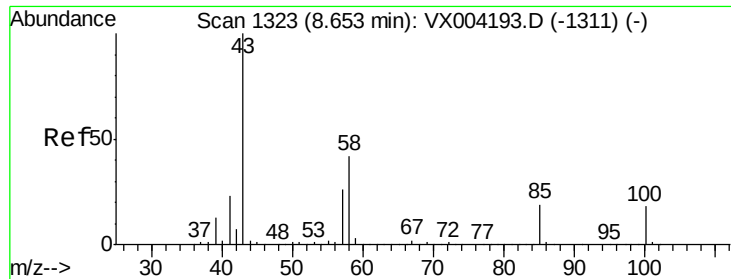
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 234.98 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

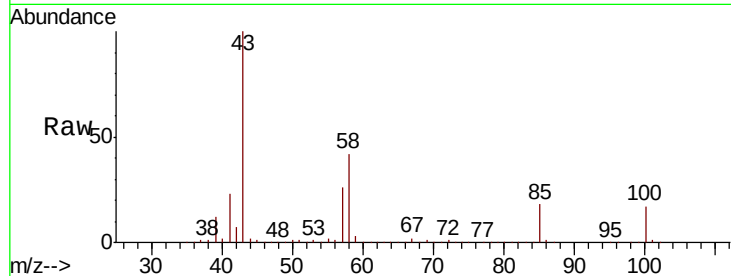
VSTDCCC050

Tot Ion: 43 Resp: 1407376

Ion Ratio Lower Upper

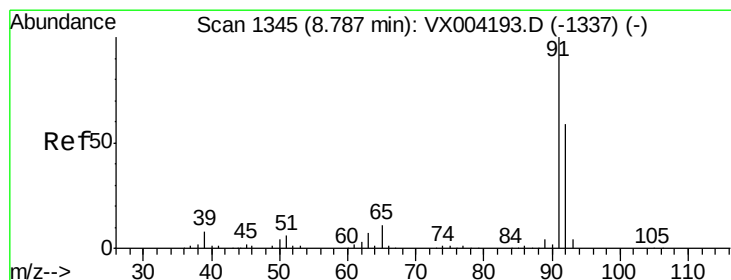
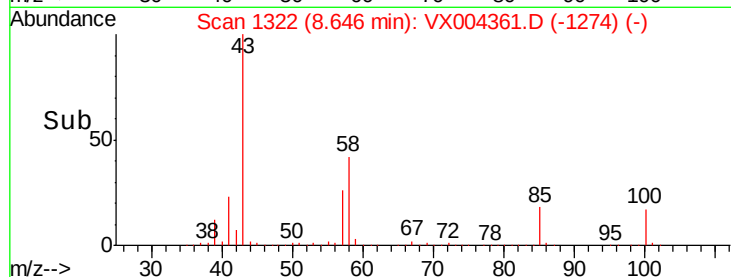
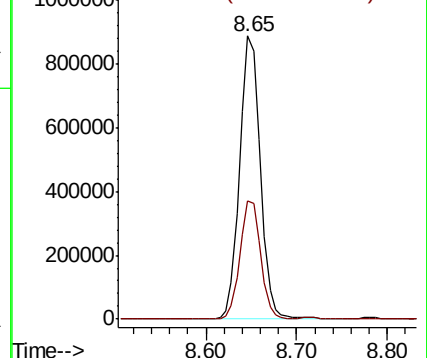
43 100

58 41.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.00 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004361.D

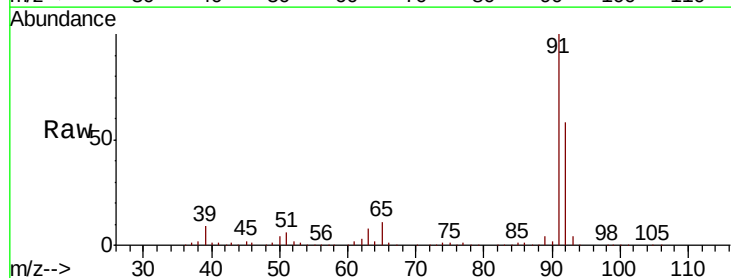
Acq: 05 Sep 2018 10:09

Tgt Ion: 92 Resp: 520275

Ion Ratio Lower Upper

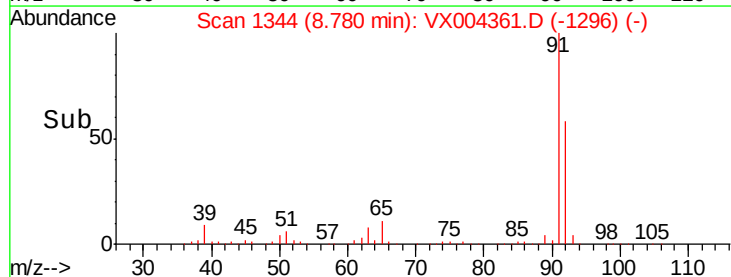
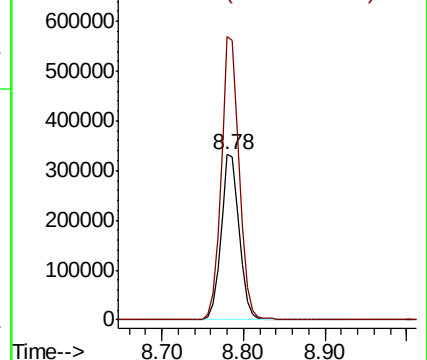
92 100

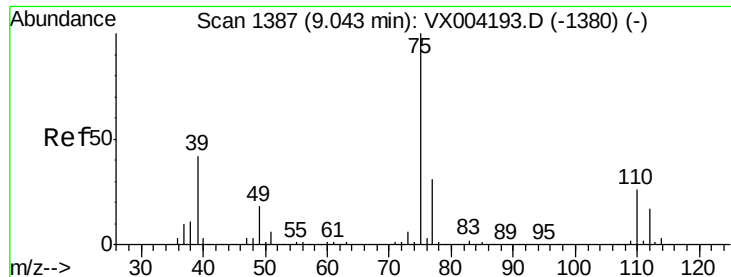
91 170.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.34 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

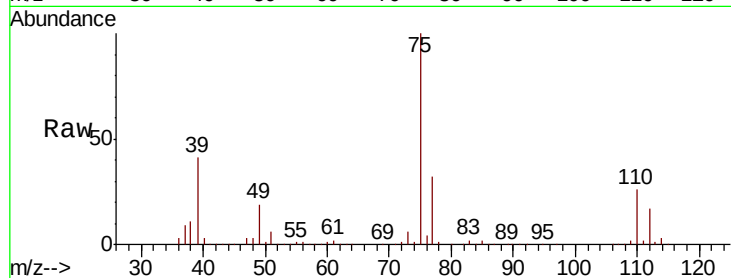
VSTDCCC050

Tot Ion: 75 Resp: 303342

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

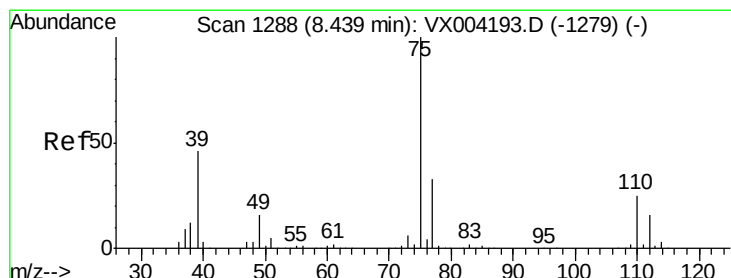
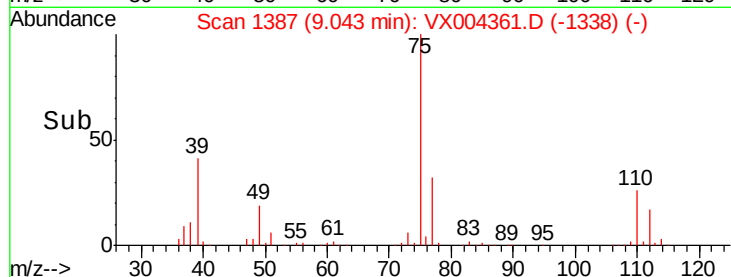
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 54.96 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

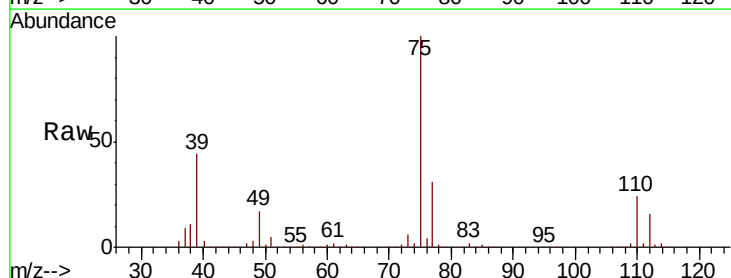
Tgt Ion: 75 Resp: 334177

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

39 44.1 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

250000

200000

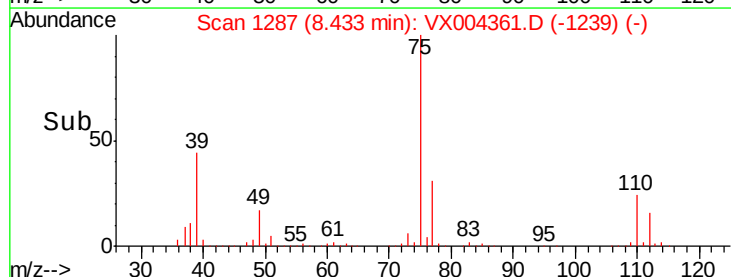
150000

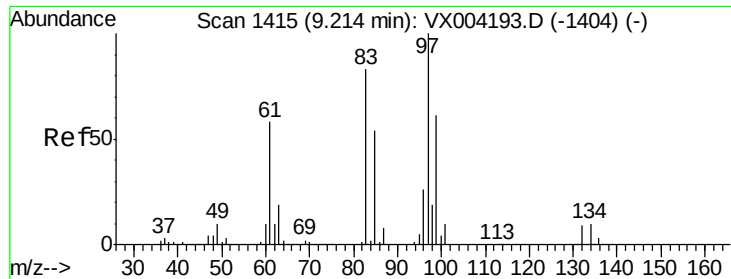
100000

50000

0

Time--> 8.40 8.50

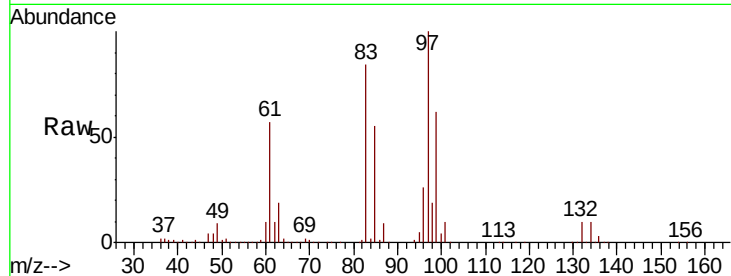




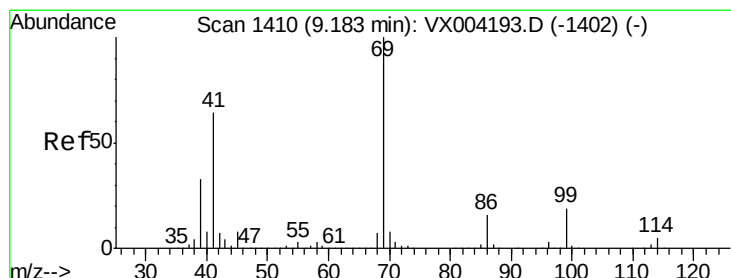
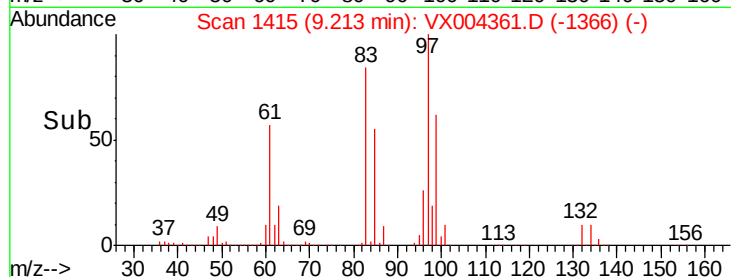
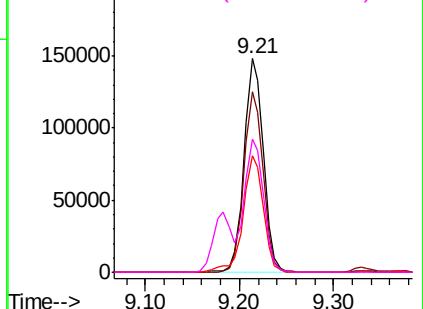
#55
 1,1,2-Trichloroethane
 Concen: 51.36 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	211540
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.4	99.6
85	54.8	43.3	64.9
99	62.5	49.0	73.4

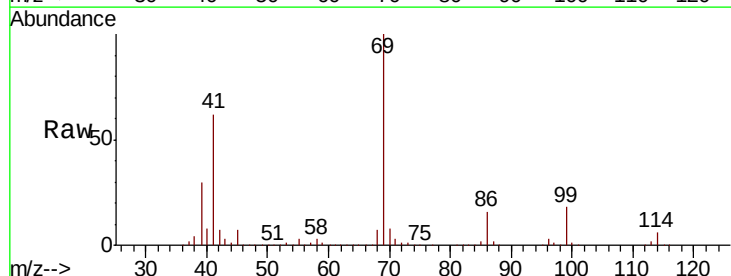


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

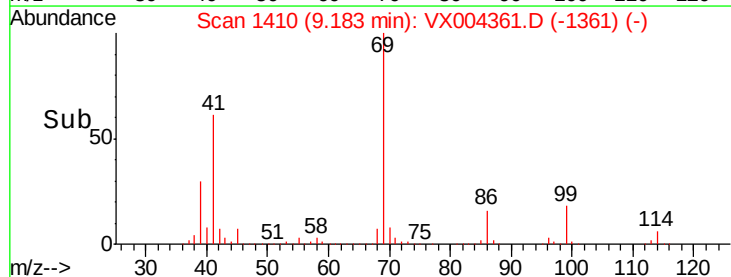
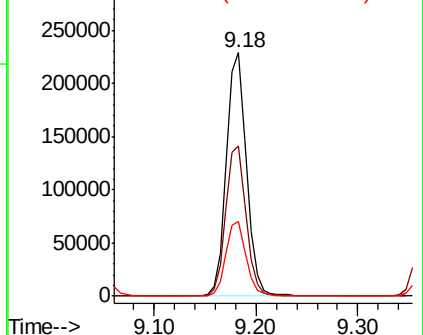


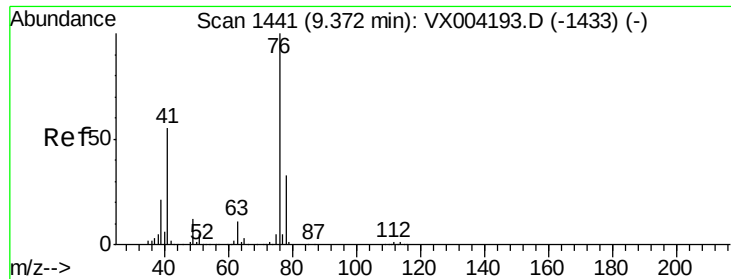
#56
 Ethyl methacrylate
 Concen: 55.60 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion:	69	Resp:	311738
Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.0	76.4
39	30.7	26.1	39.1



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

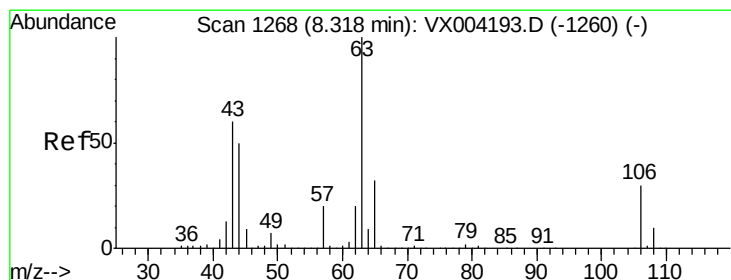
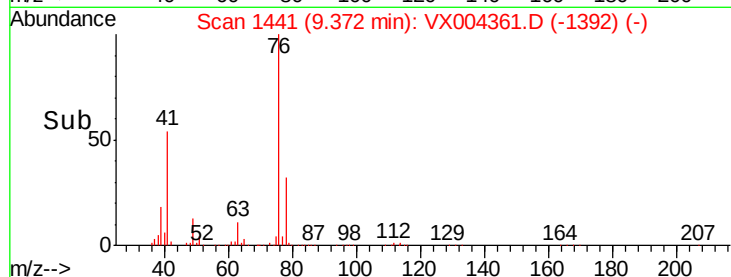
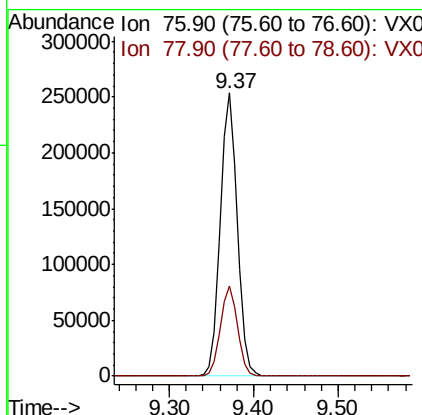
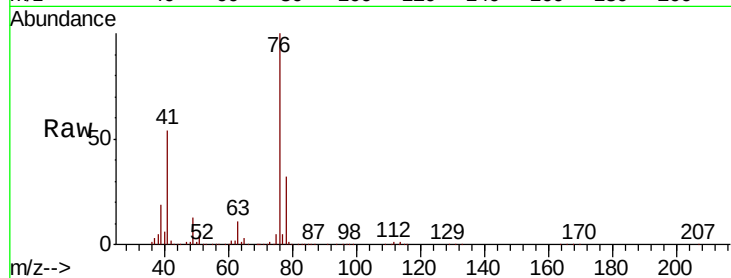




#57
 1,3-Dichloropropane
 Concen: 51.24 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

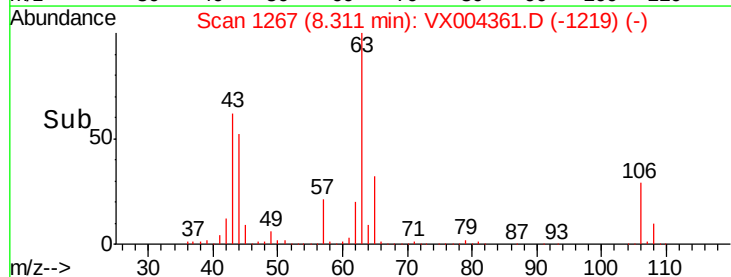
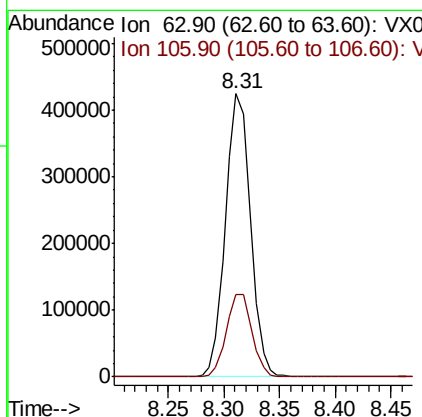
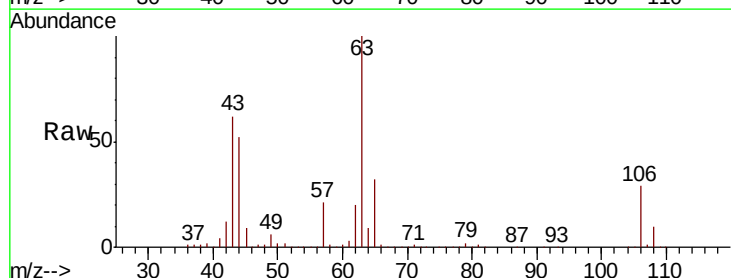
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

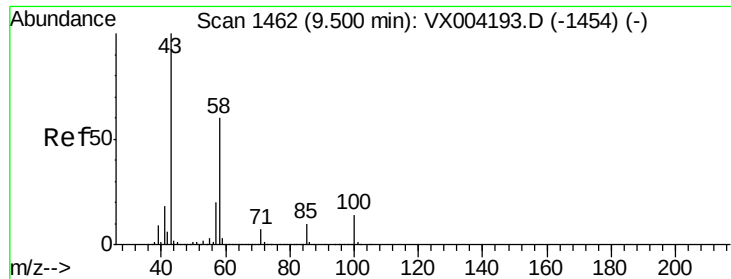
Tot Ion: 76 Resp: 355703
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.27 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion: 63 Resp: 664386
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.9 35.9

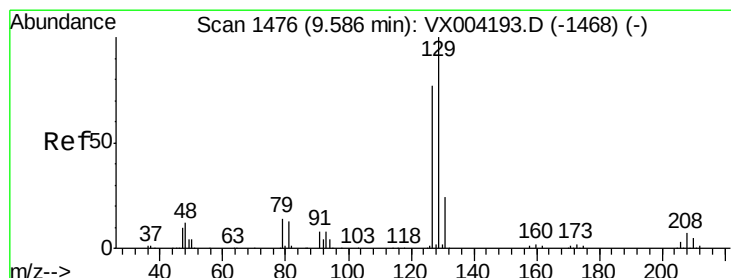
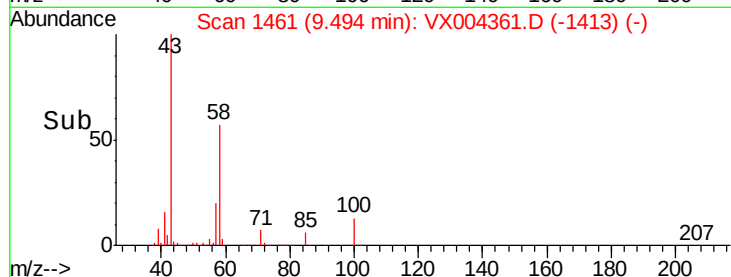
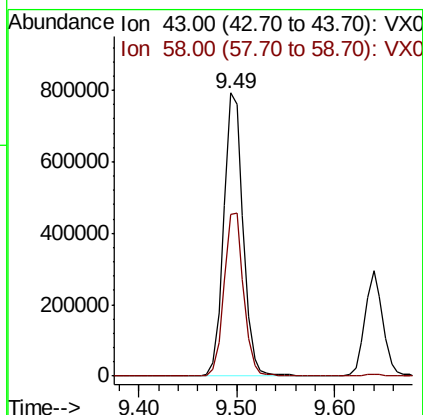
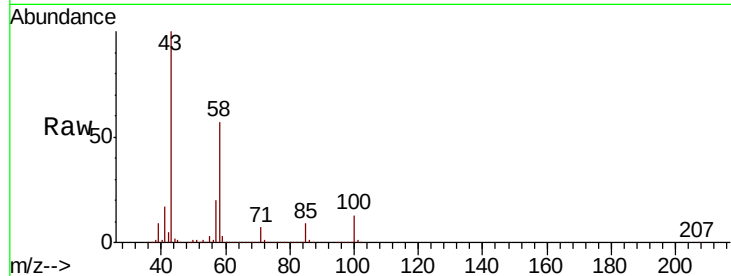




#59
2-Hexanone
Concen: 238.18 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

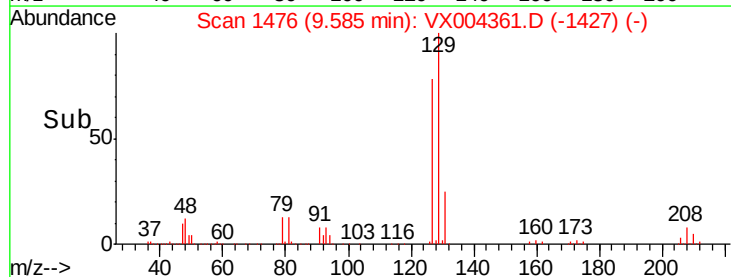
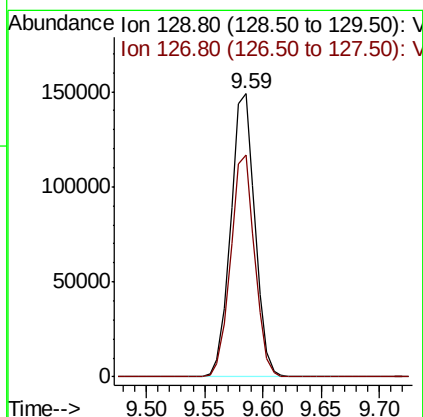
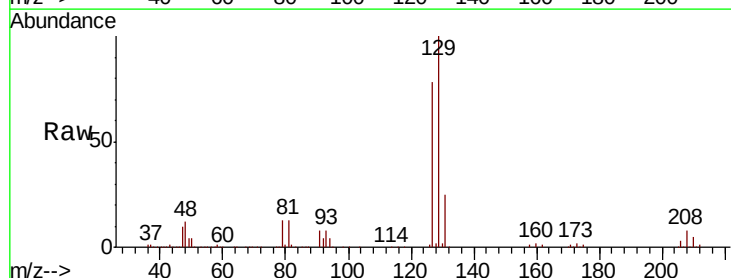
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

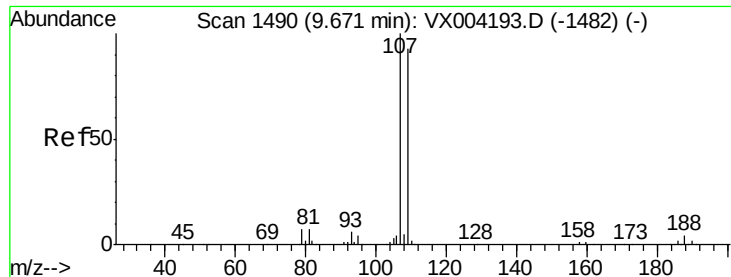
Tot Ion: 43 Resp: 1088300
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0



#60
Dibromochloromethane
Concen: 53.76 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 129 Resp: 215726
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.91 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

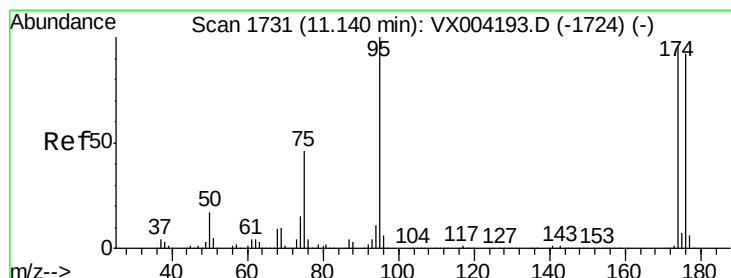
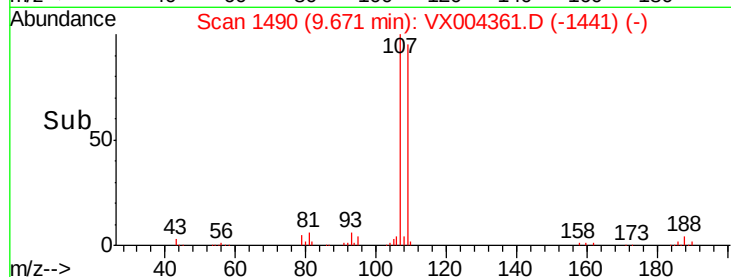
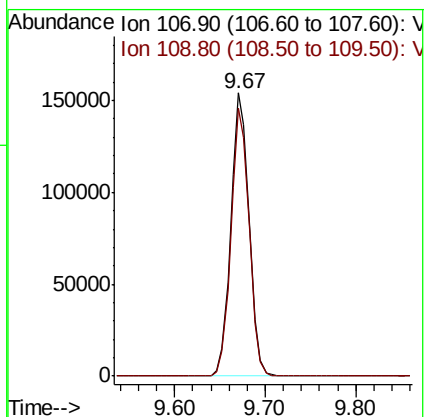
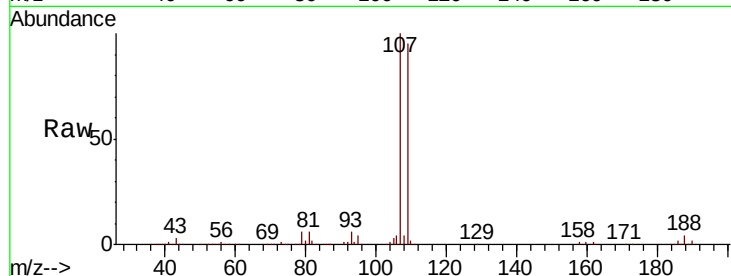
VSTDCCC050

Tot Ion:107 Resp: 216966

Ion Ratio Lower Upper

107 100

109 94.3 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 51.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

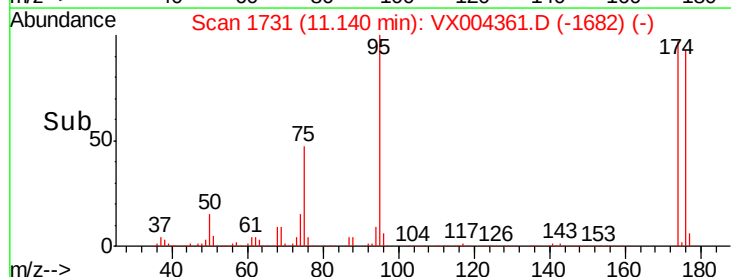
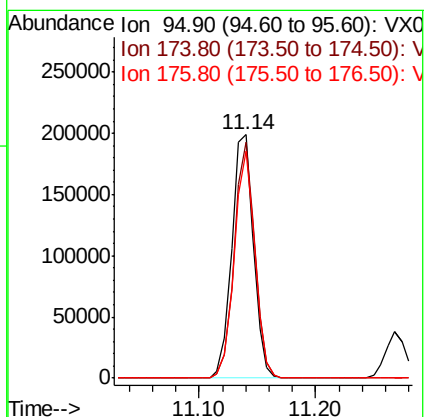
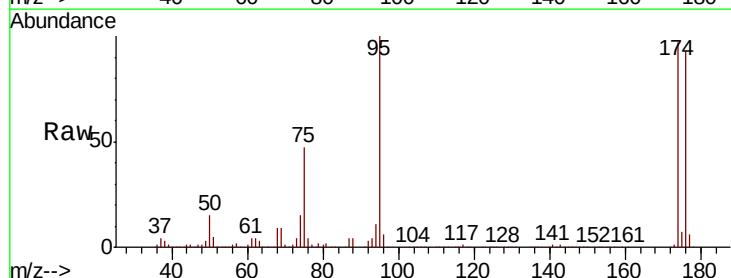
Tgt Ion: 95 Resp: 259414

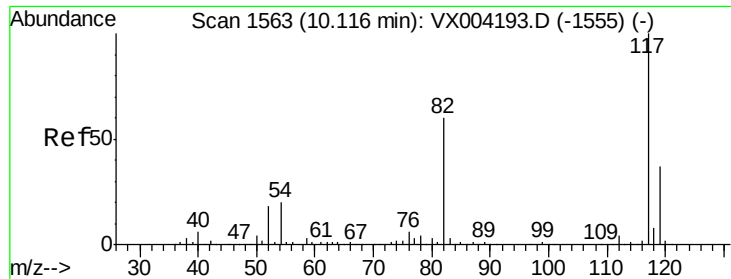
Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

176 88.5 0.0 178.6

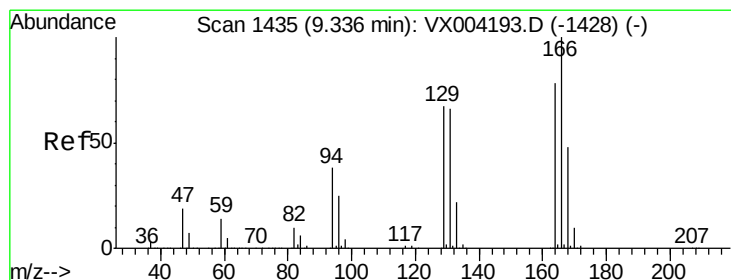
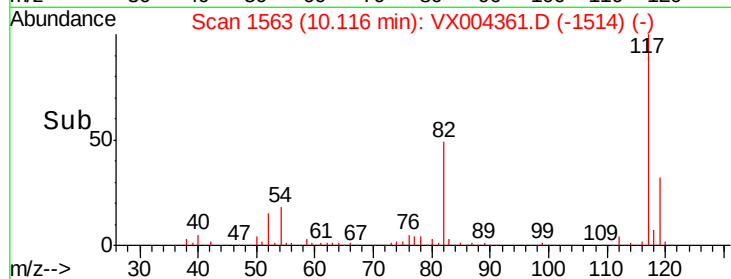
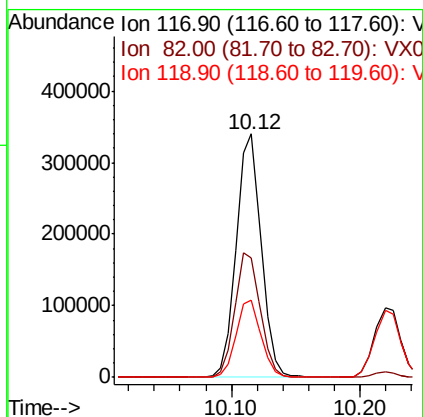
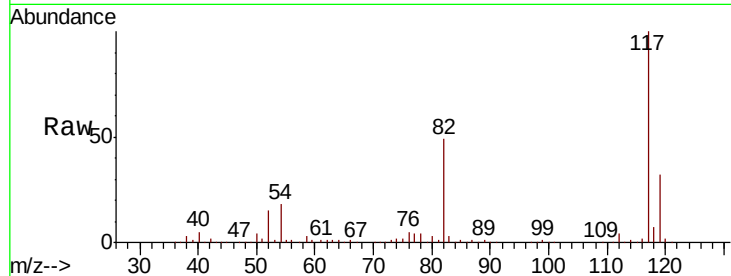




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

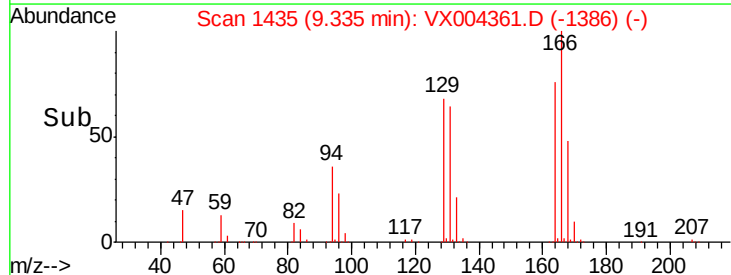
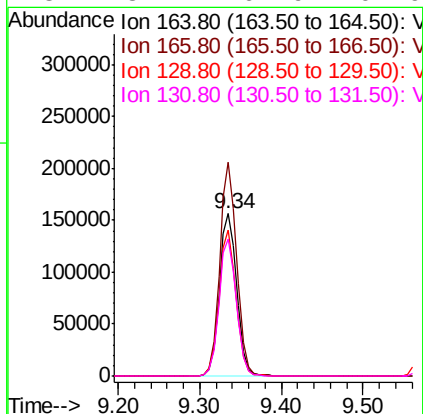
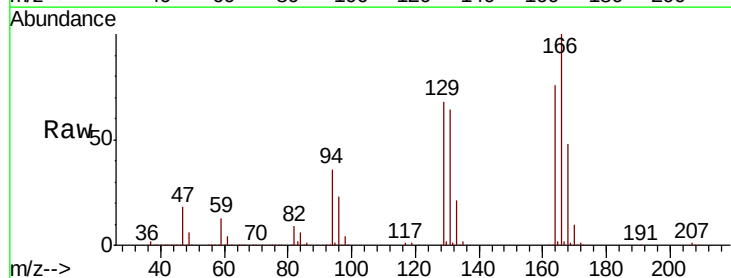
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

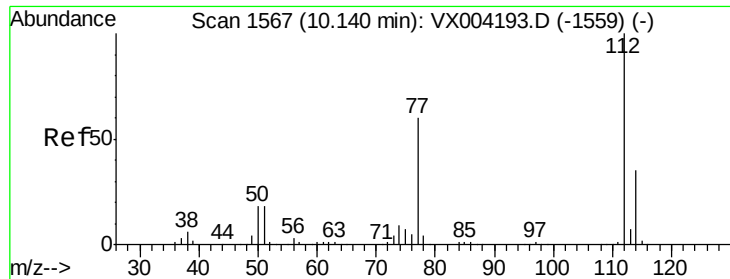
Tot Ion:117 Resp: 458429
Ion Ratio Lower Upper
117 100
82 49.0 47.8 71.6
119 31.6 29.3 43.9



#64
Tetrachloroethene
Concen: 51.51 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion:164 Resp: 233251
Ion Ratio Lower Upper
164 100
166 131.4 102.8 154.2
129 89.5 69.4 104.0
131 84.1 67.9 101.9

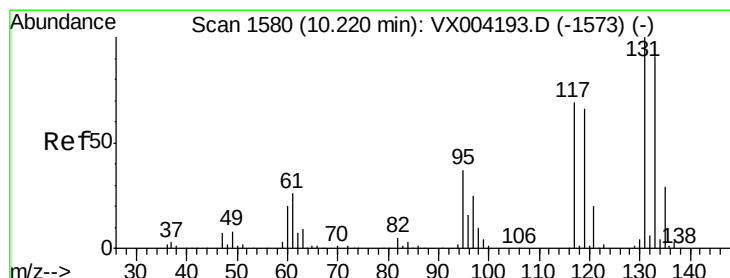
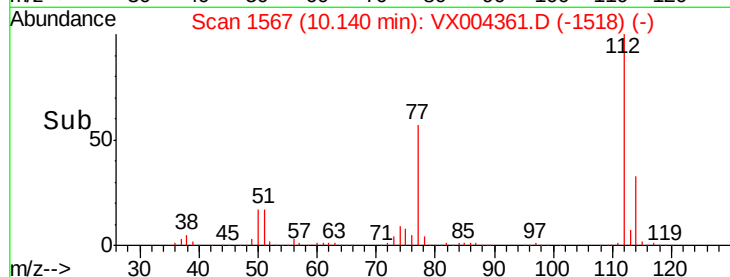
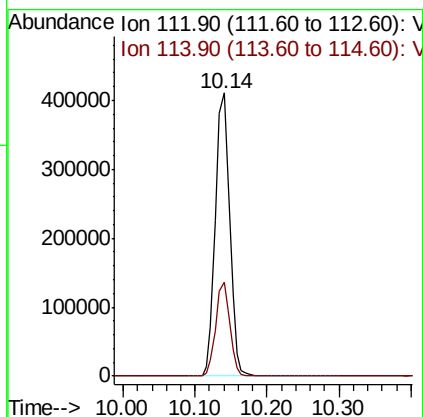
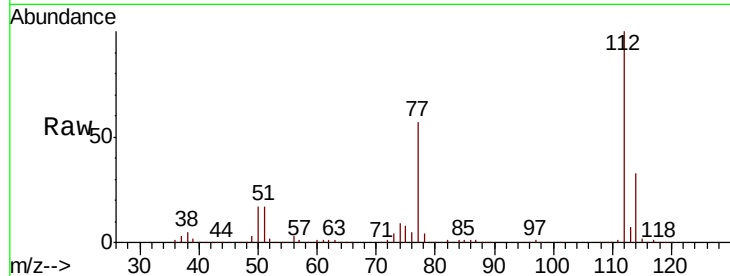




#65
Chlorobenzene
Concen: 49.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

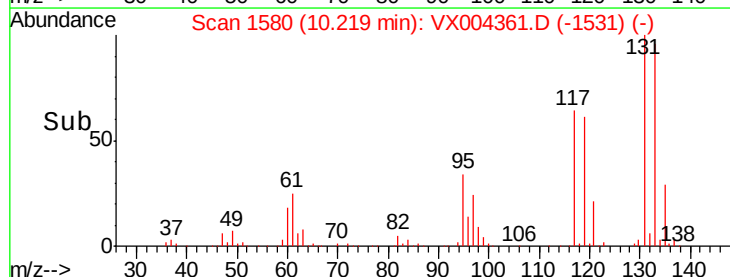
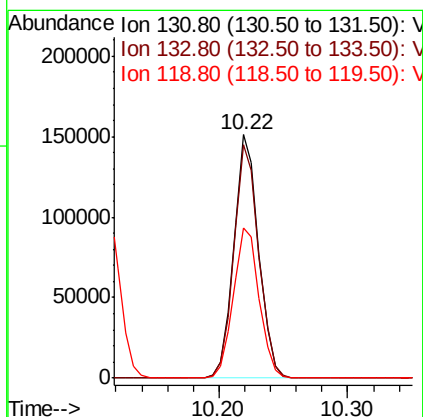
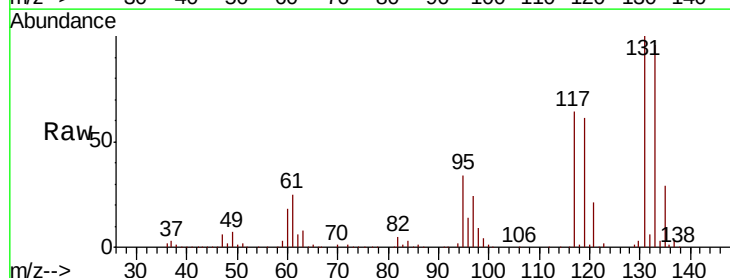
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

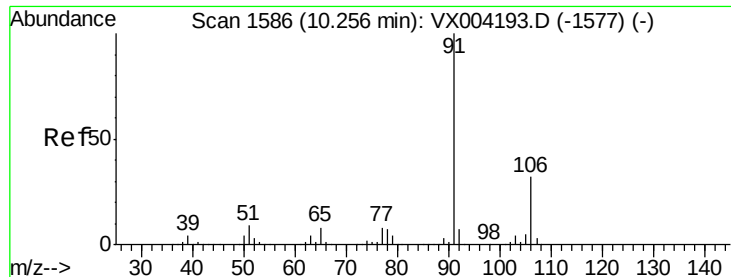
Tot Ion:112 Resp: 569931
Ion Ratio Lower Upper
112 100
114 33.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.82 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion:131 Resp: 201658
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.4
119 64.6 32.9 98.6

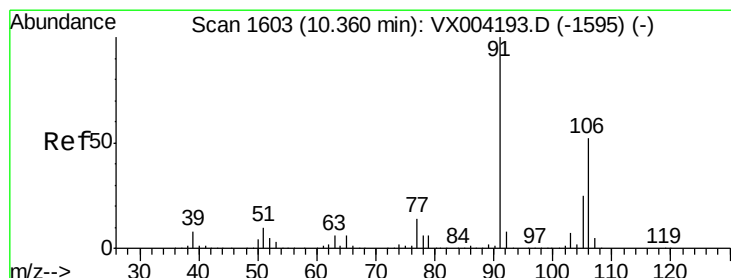
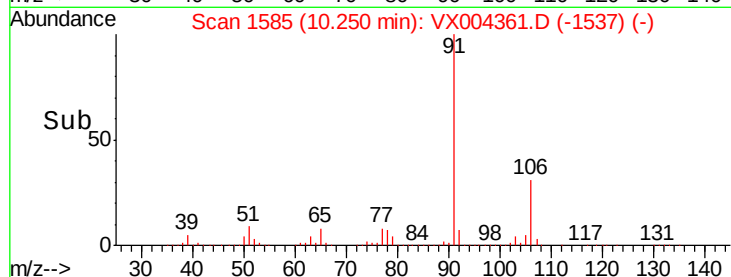
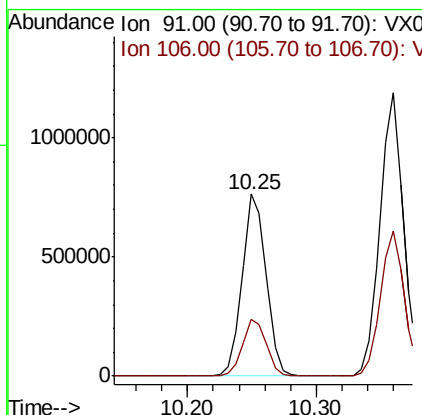
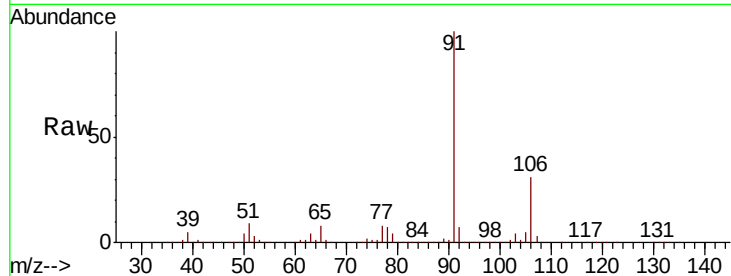




#67
Ethyl Benzene
Concen: 52.34 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

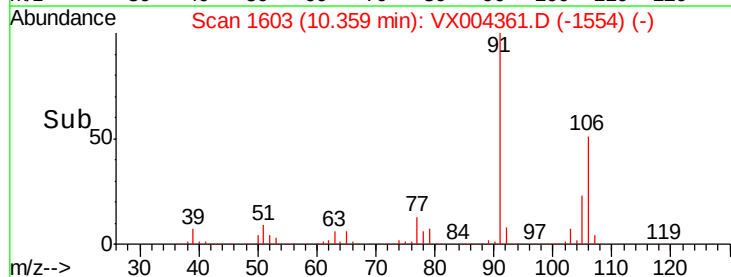
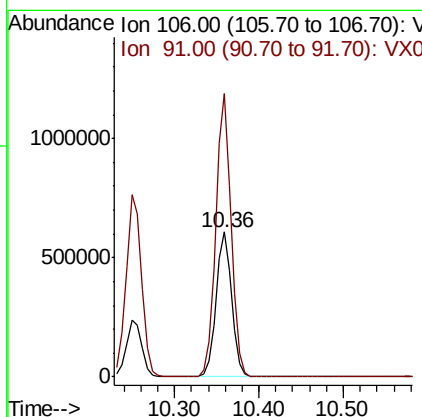
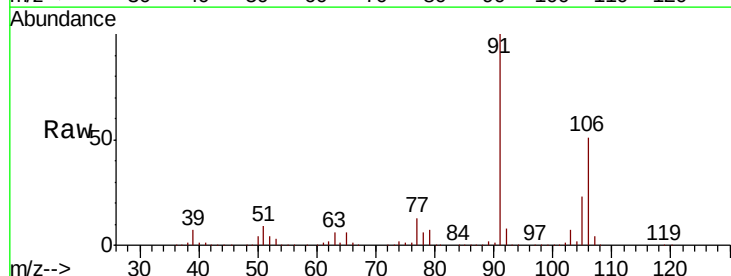
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

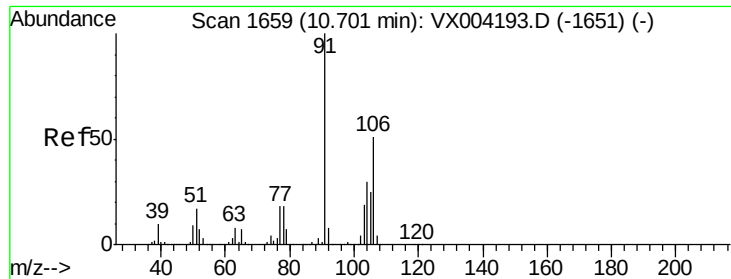
Tot Ion: 91 Resp: 977900
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9



#68
m/p-Xylenes
Concen: 106.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 106 Resp: 776212
Ion Ratio Lower Upper
106 100
91 192.5 157.1 235.7

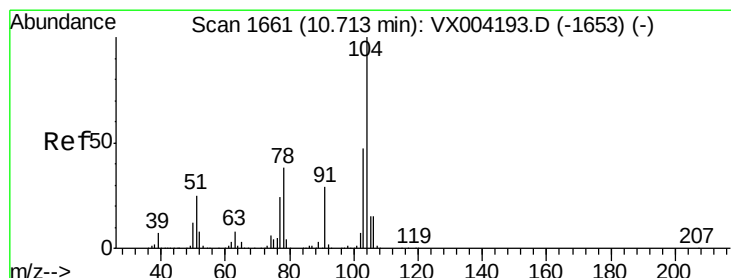
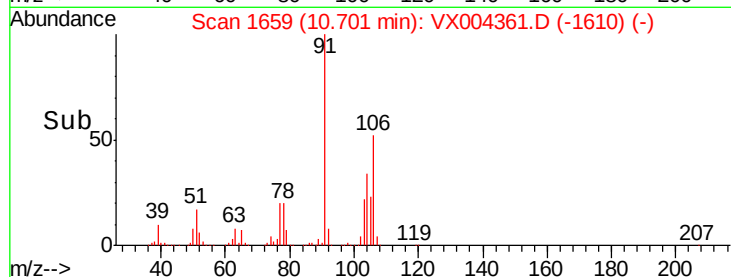
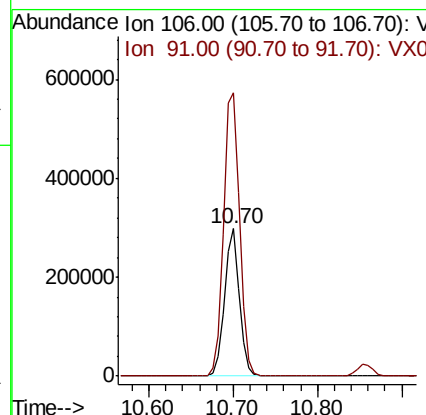
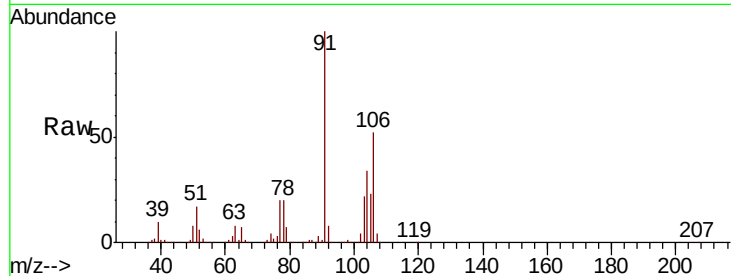




#69
o-Xylene
Concen: 52.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

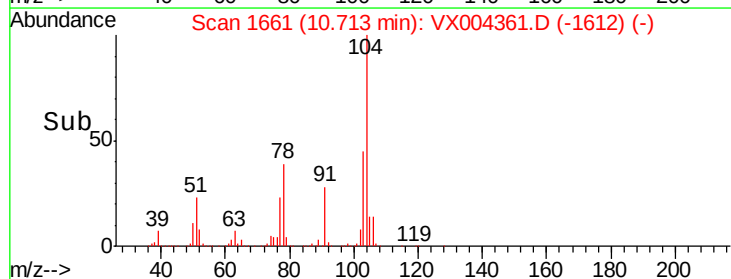
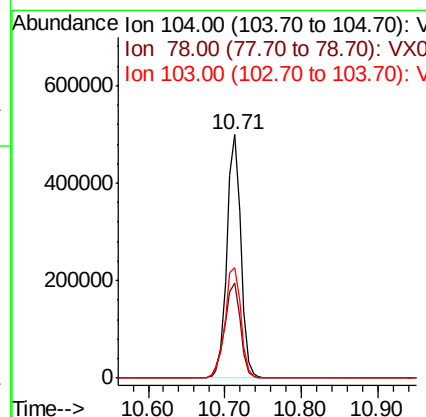
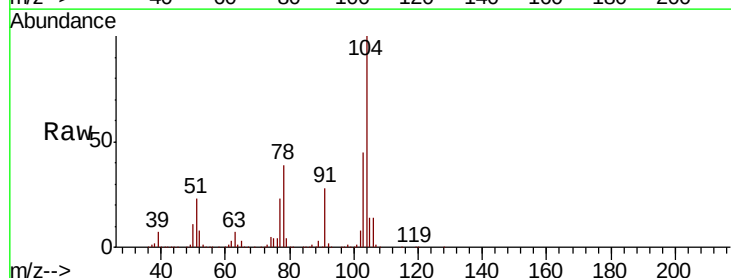
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

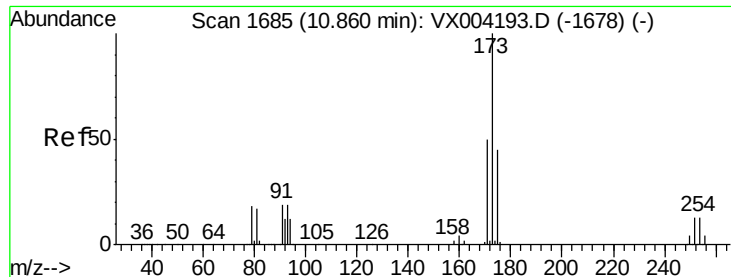
Tot Ion:106 Resp: 362421
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1



#70
Styrene
Concen: 56.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion:104 Resp: 629433
Ion Ratio Lower Upper
104 100
78 44.8 37.4 56.0
103 51.9 43.8 65.6

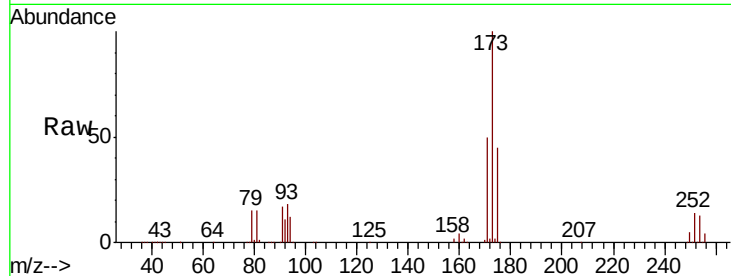




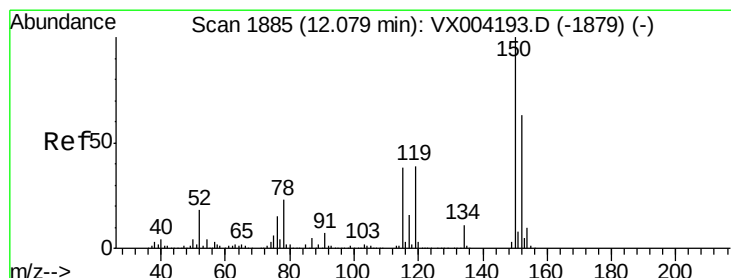
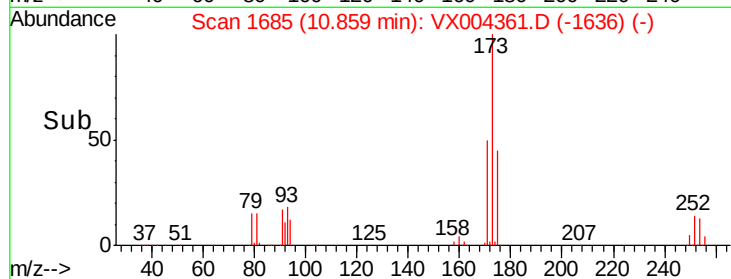
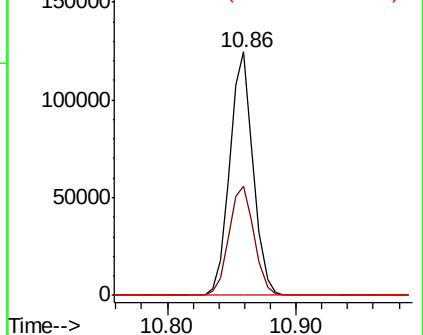
#71
 Bromoform
 Concen: 49.55 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.2	0.2	0.2

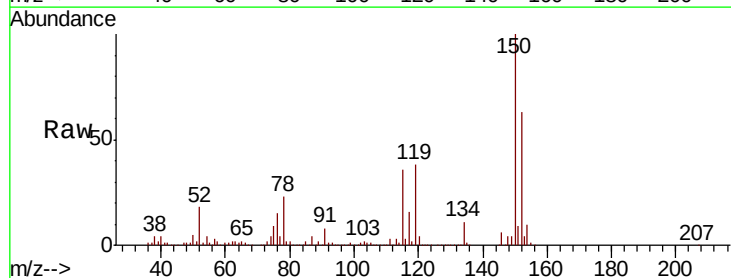


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

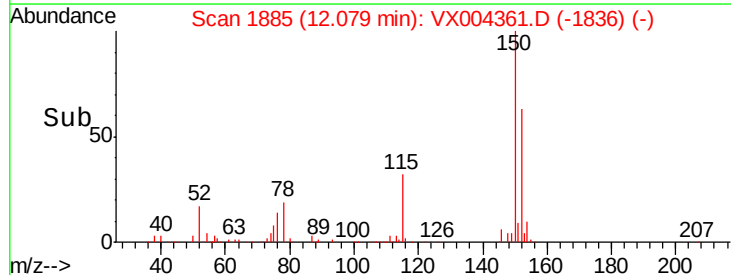
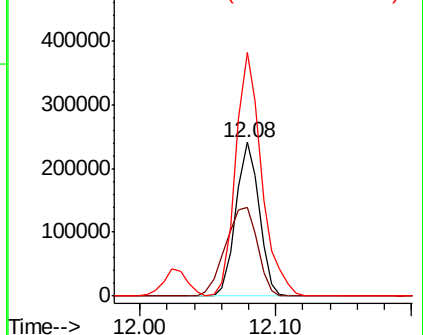


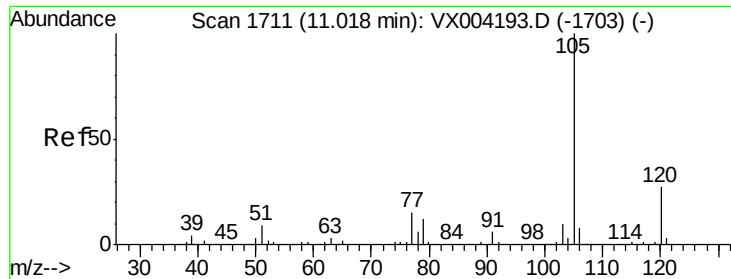
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	39.0	117.0
150	175.4	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.92 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

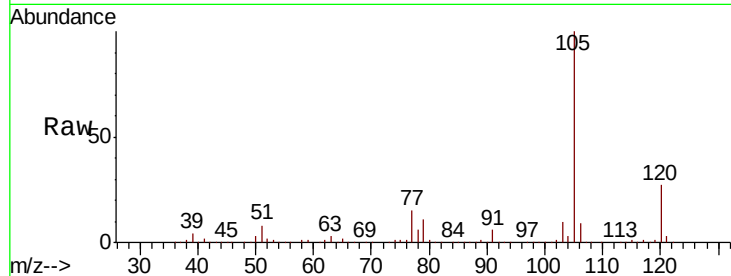
VSTDCCC050

Tot Ion:105 Resp: 1040617

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

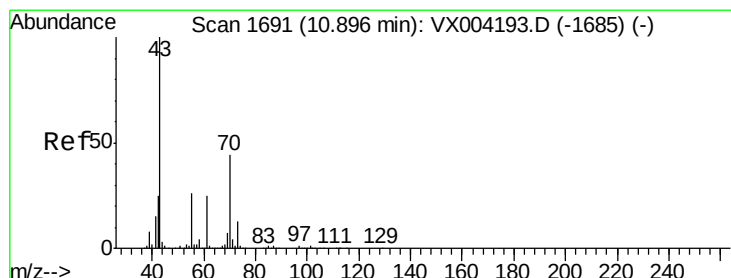
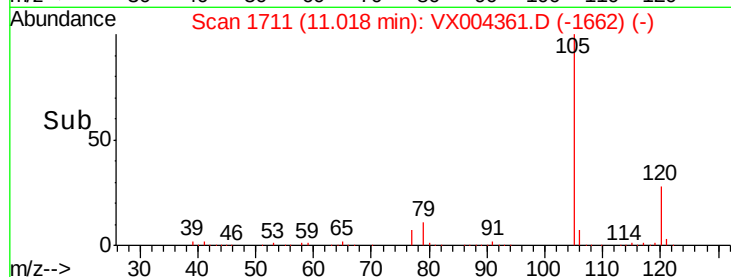
200000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 49.68 ug/l

RT: 10.90 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Tgt Ion: 43 Resp: 362432

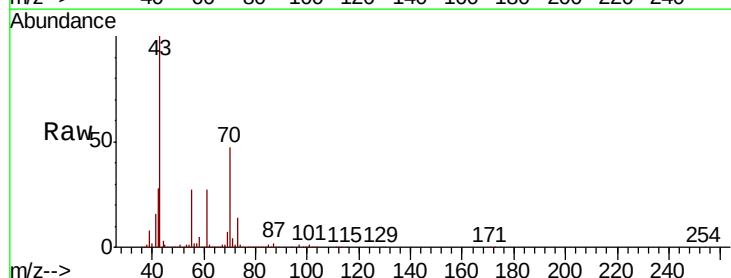
Ion Ratio Lower Upper

43 100

70 47.9 37.4 56.0

55 27.5 21.8 32.8

61 26.8 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

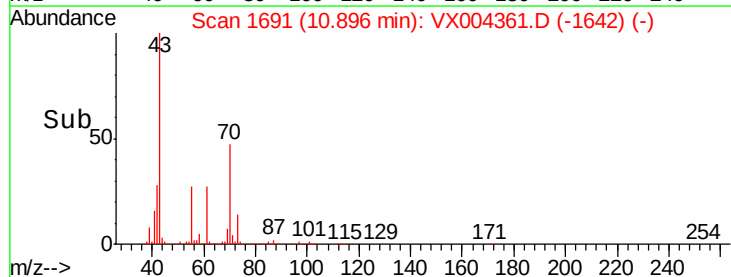
100000

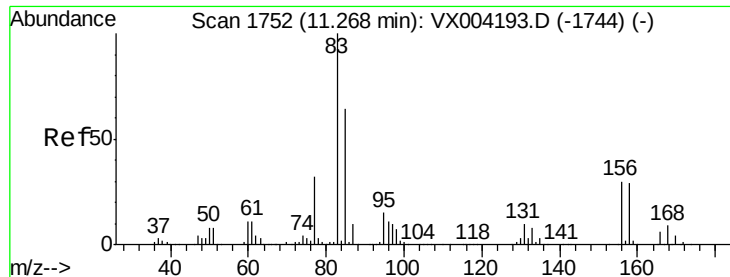
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

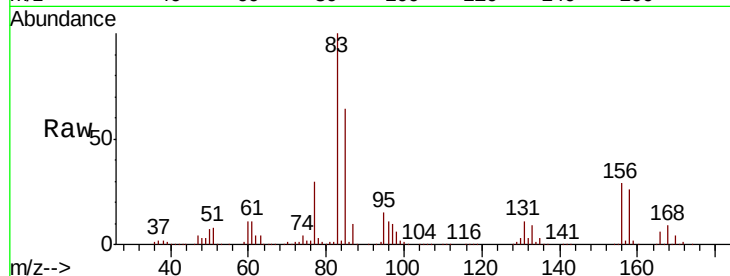
Tot Ion: 83 Resp: 305321

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

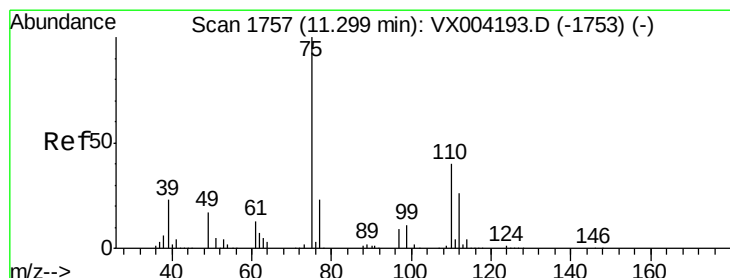
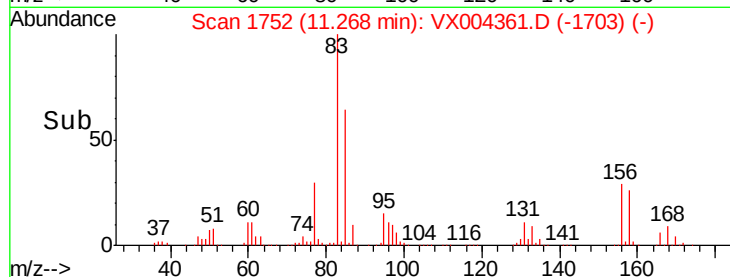
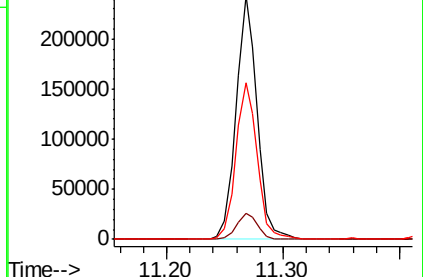
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.32 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004361.D

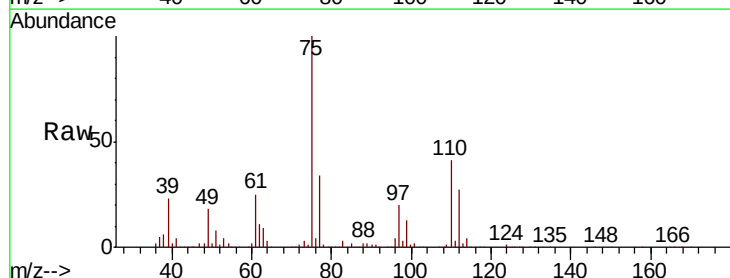
Acq: 05 Sep 2018 10:09

Tgt Ion: 75 Resp: 359789

Ion Ratio Lower Upper

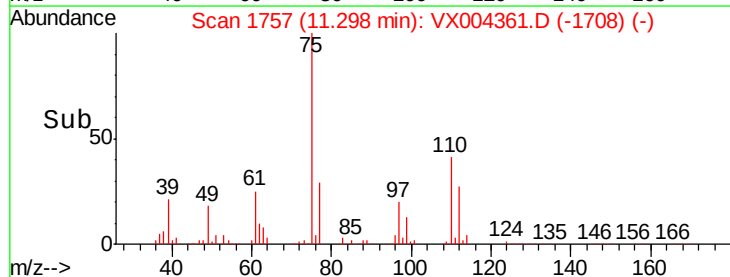
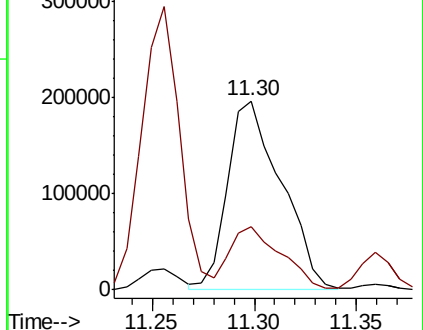
75 100

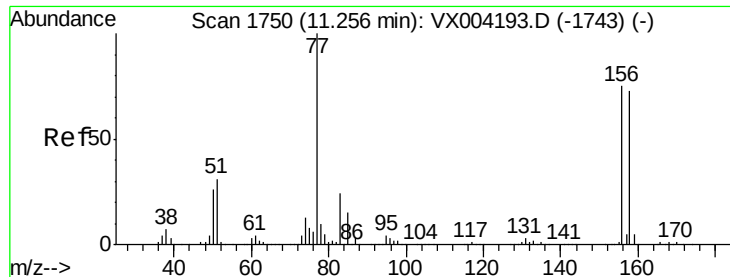
77 31.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

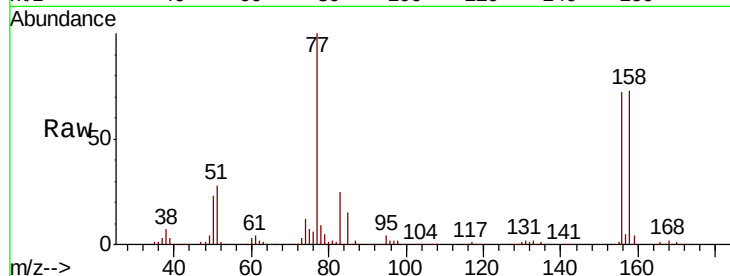
Tot Ion:156 Resp: 259067

Ion Ratio Lower Upper

156 100

77 146.9 71.5 214.3

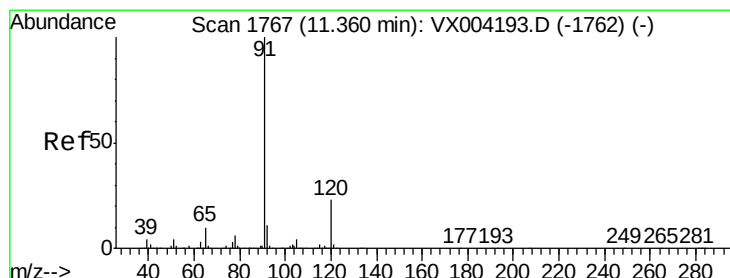
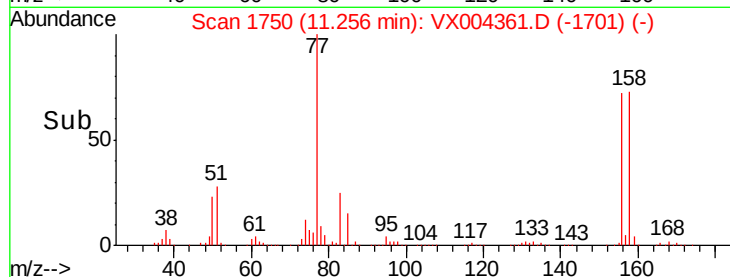
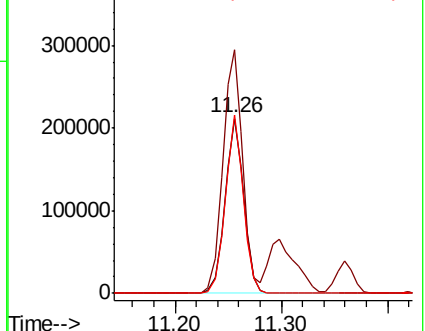
158 98.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.79 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004361.D

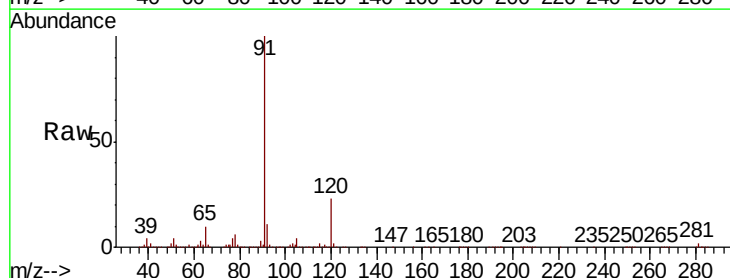
Acq: 05 Sep 2018 10:09

Tgt Ion: 91 Resp: 1193996

Ion Ratio Lower Upper

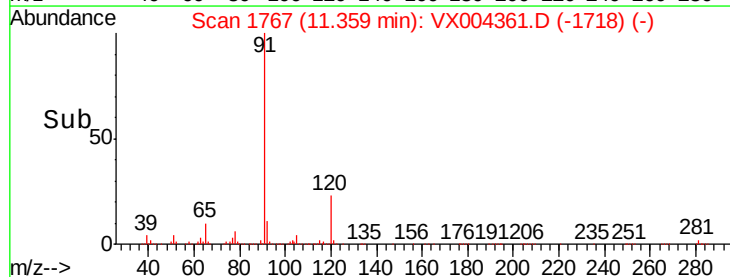
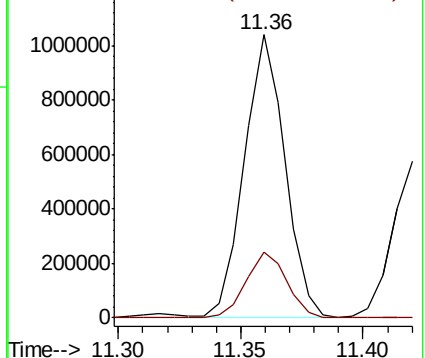
91 100

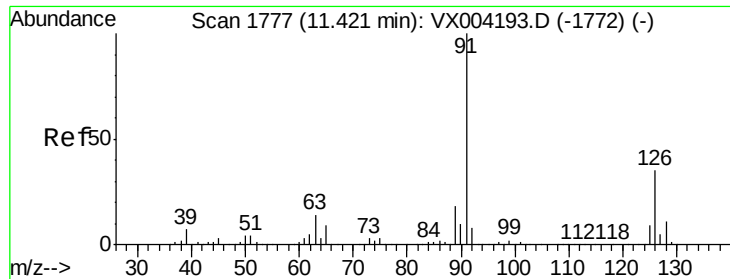
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.06 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampled :

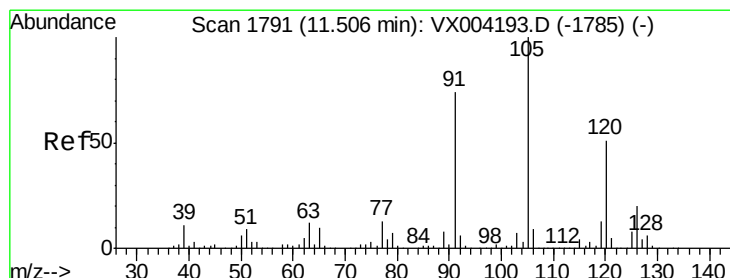
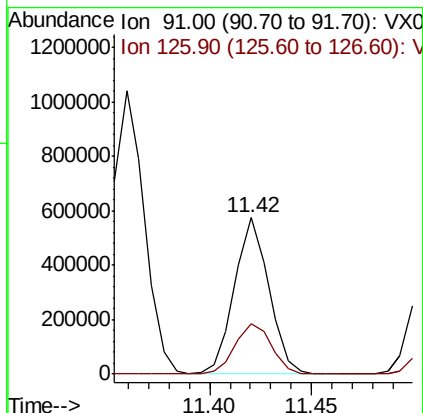
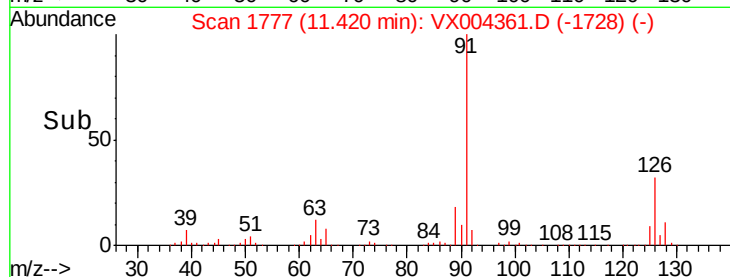
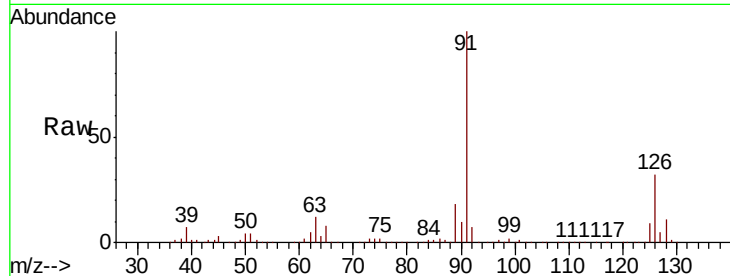
VSTDCCC050

Tot Ion: 91 Resp: 671433

Ion Ratio Lower Upper

91 100

126 34.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.98 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004361.D

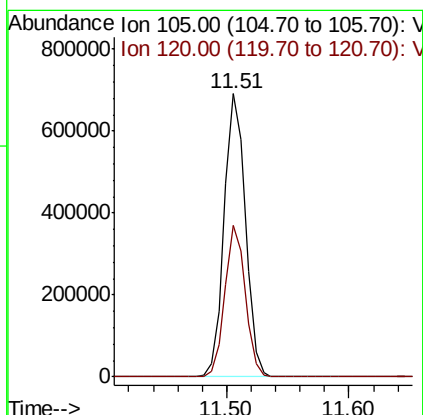
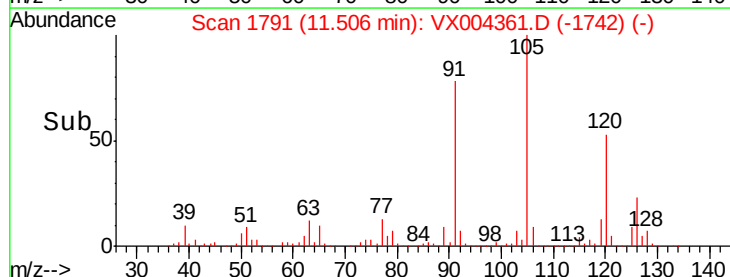
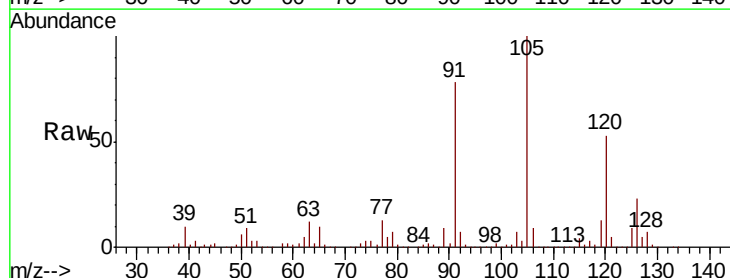
Acq: 05 Sep 2018 10:09

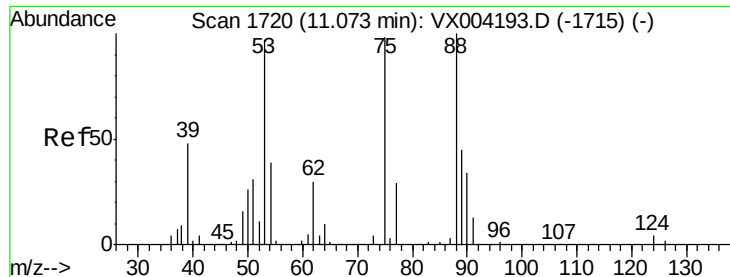
Tgt Ion: 105 Resp: 831272

Ion Ratio Lower Upper

105 100

120 51.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.86 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

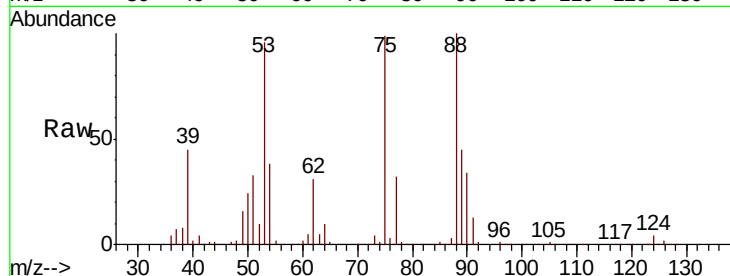
Tot Ion: 75 Resp: 97401

Ion Ratio Lower Upper

75 100

53 94.9 80.1 120.1

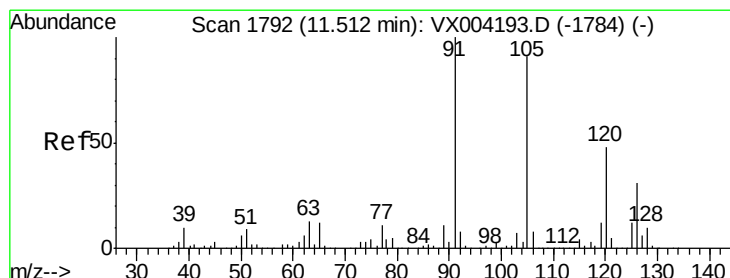
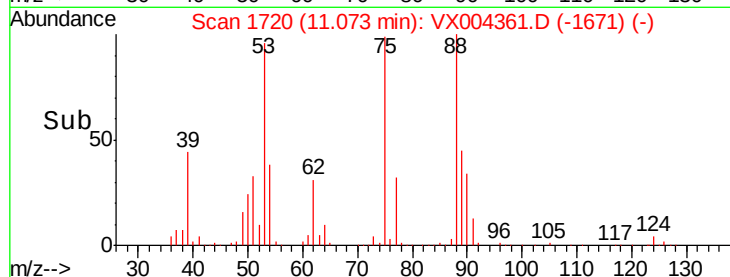
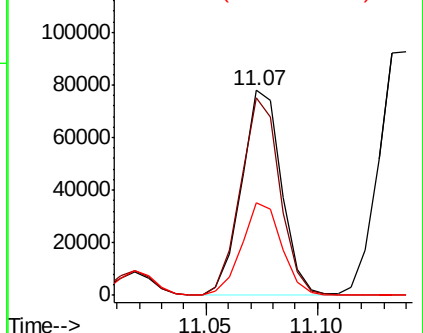
89 45.3 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004361.D

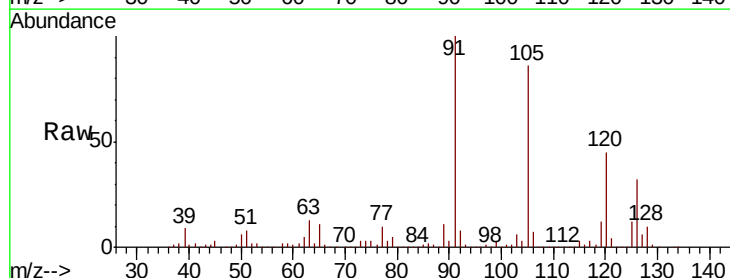
Acq: 05 Sep 2018 10:09

Tgt Ion: 91 Resp: 800120

Ion Ratio Lower Upper

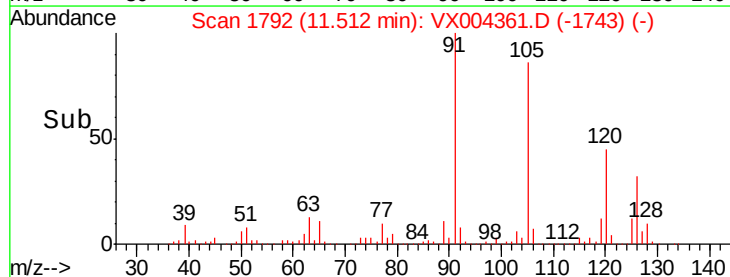
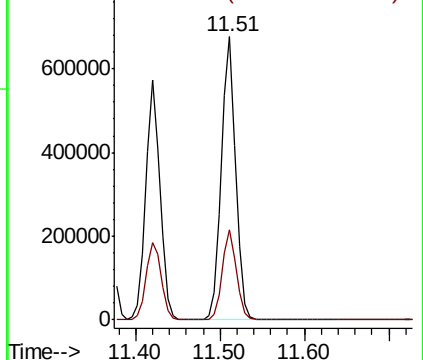
91 100

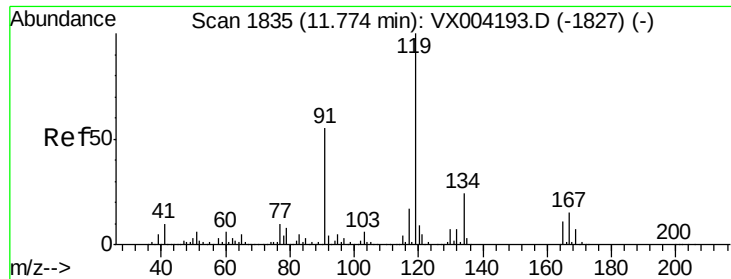
126 31.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

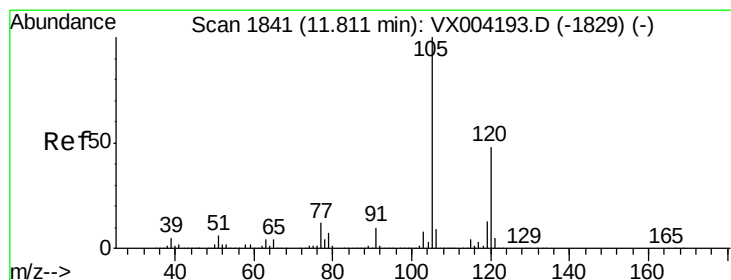
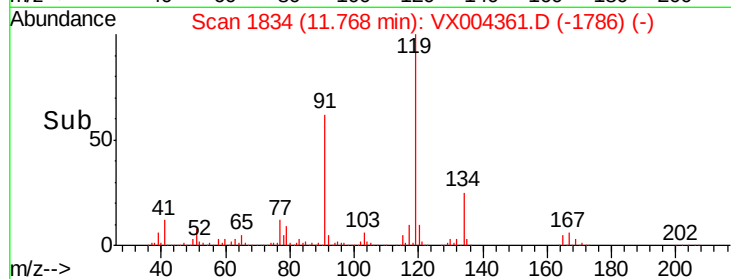
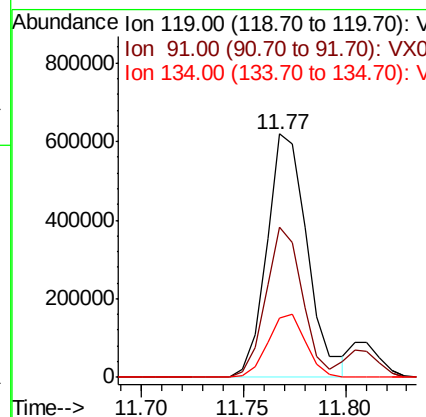
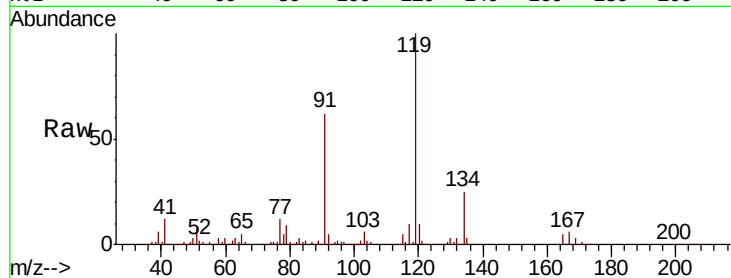




#83
 tert-Butylbenzene
 Concen: 54.15 ug/l
 RT: 11.77 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

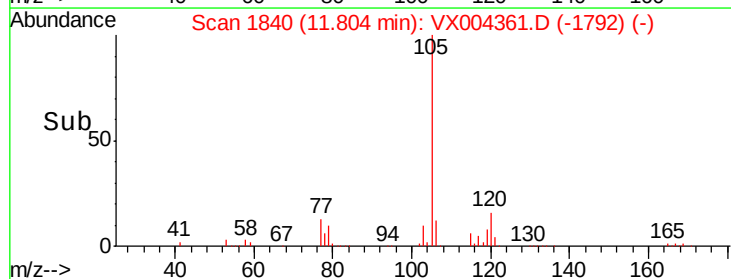
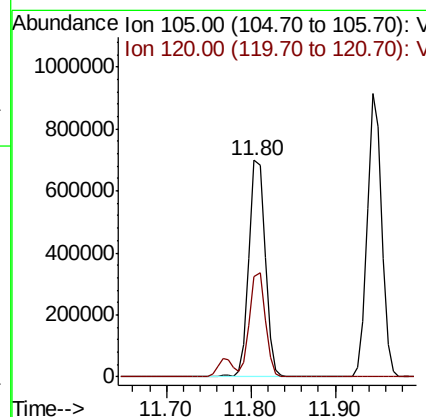
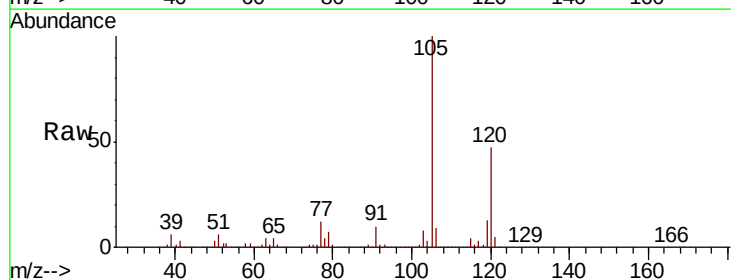
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

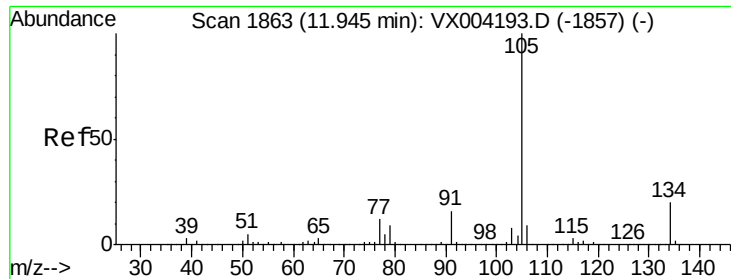
Tot Ion:119 Resp: 854880
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.0 81.0
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.53 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion:105 Resp: 894469
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 58.16 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

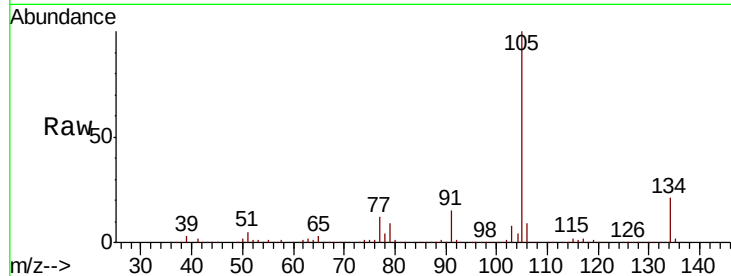
VSTDCCC050

Tot Ion:105 Resp: 1090095

Ion Ratio Lower Upper

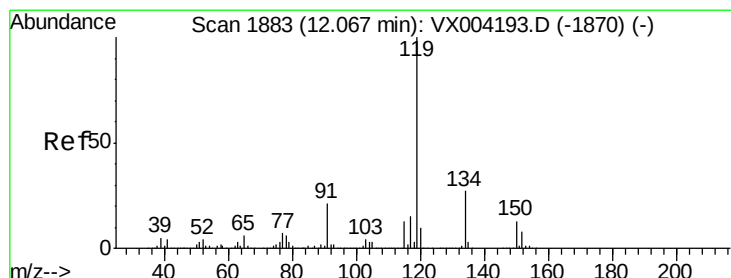
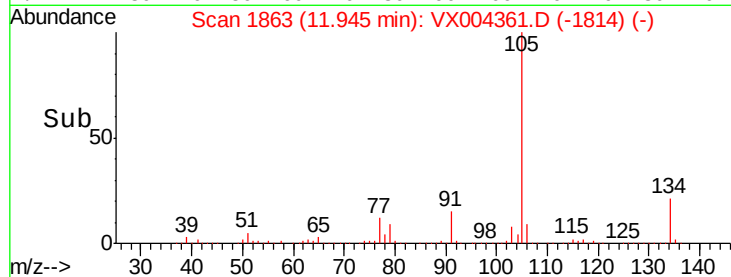
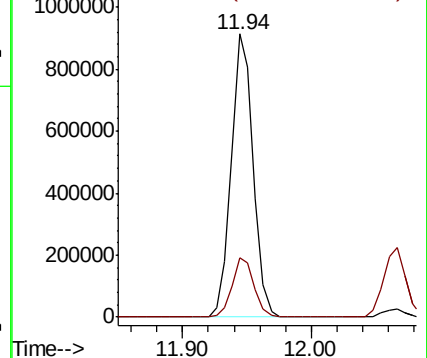
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

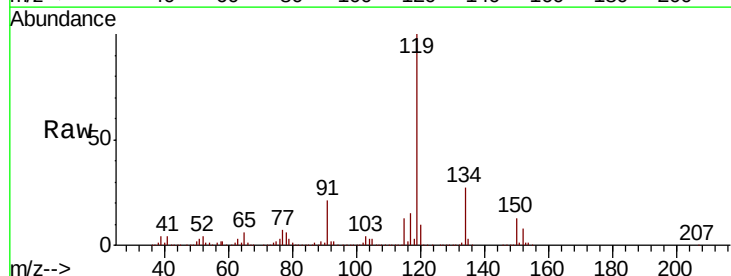
Tgt Ion:119 Resp: 983983

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

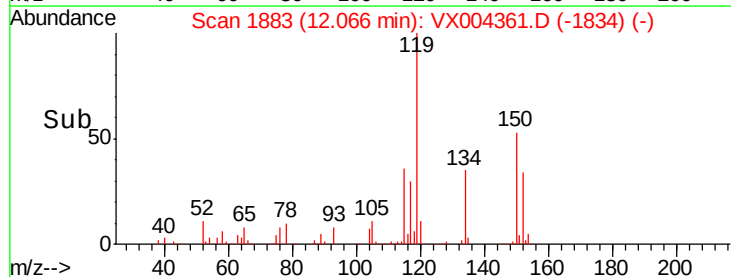
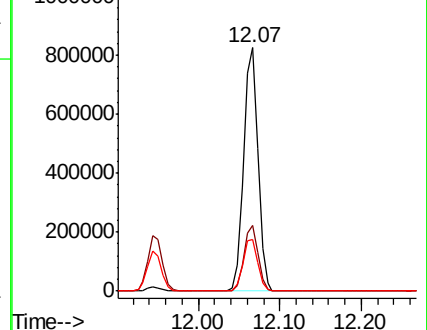
91 21.9 10.9 32.7

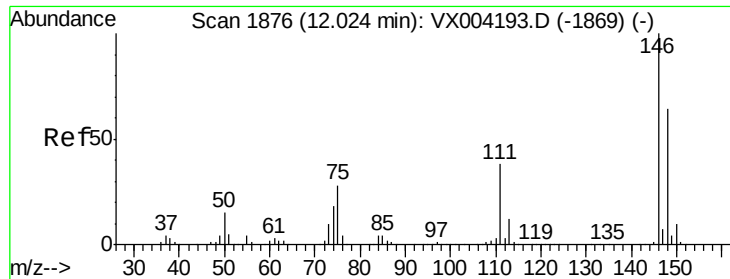


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

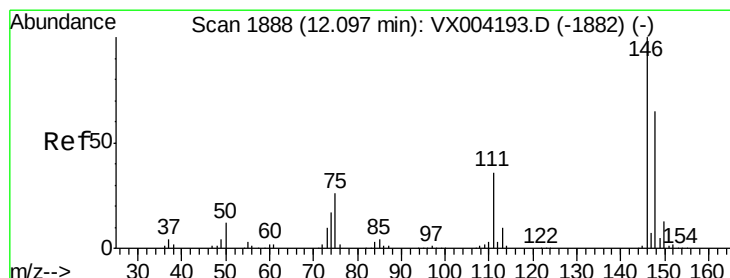
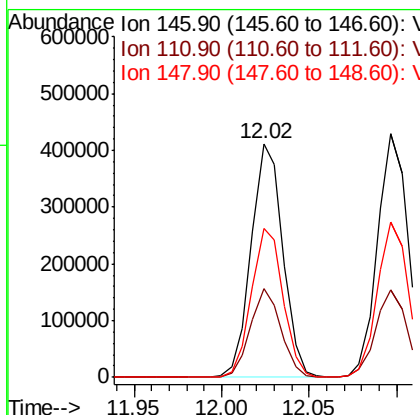
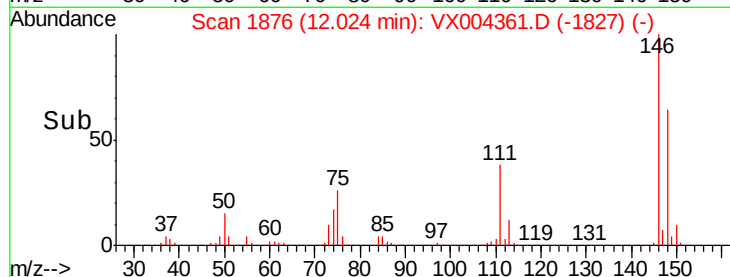
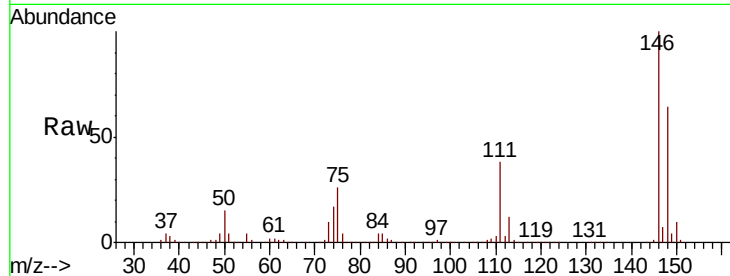




#87
 1,3-Dichlorobenzene
 Concen: 51.80 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

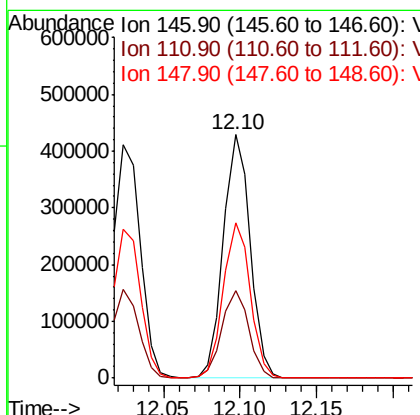
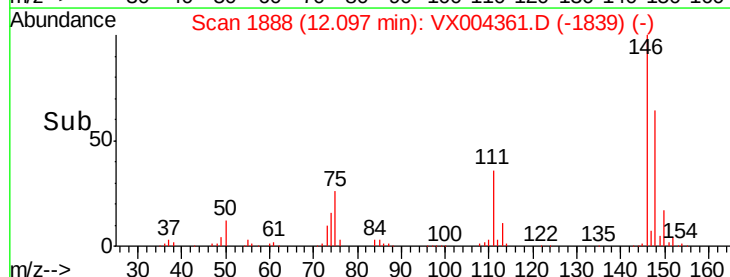
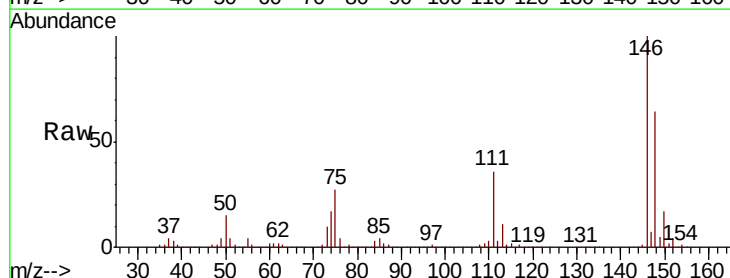
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

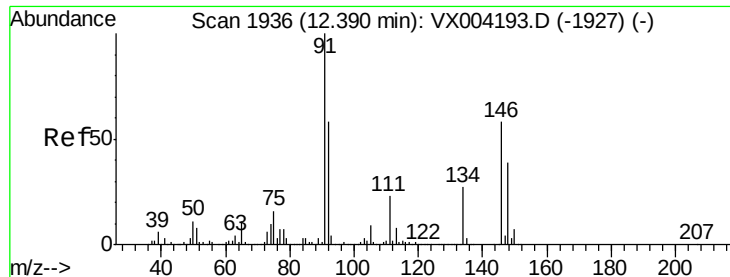
Tot Ion:146 Resp: 518345
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.7 56.1
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.47 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion:146 Resp: 521915
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 64.3 32.0 96.0

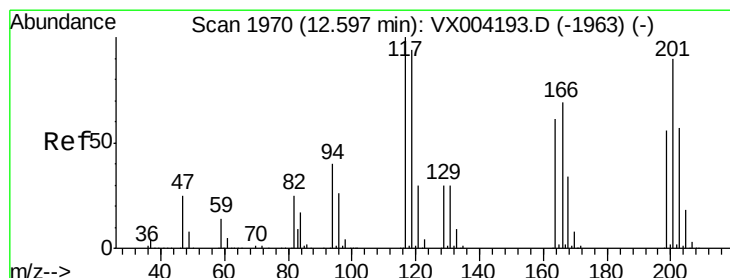
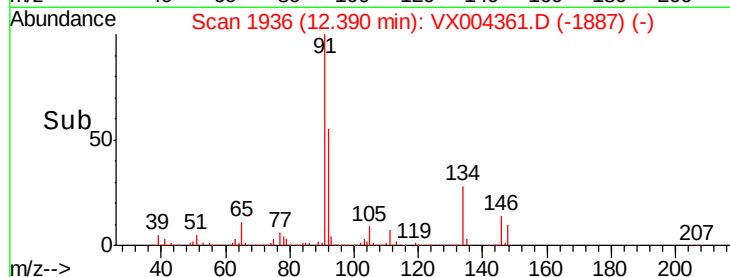
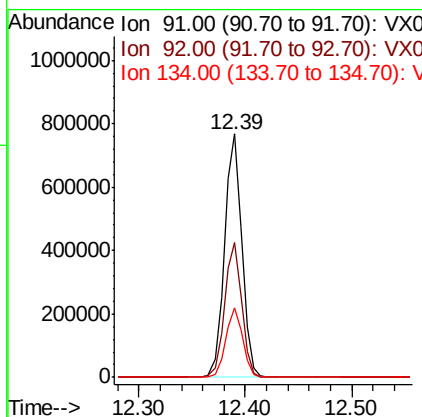
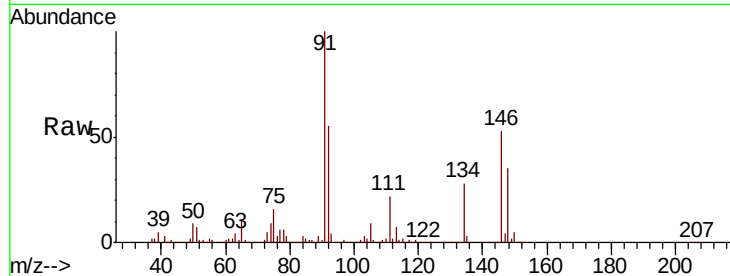




#89
n-Butylbenzene
Concen: 63.79 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

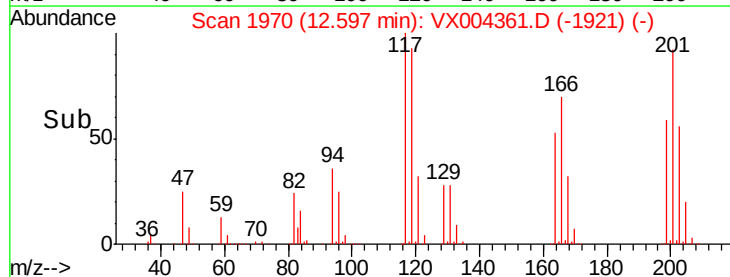
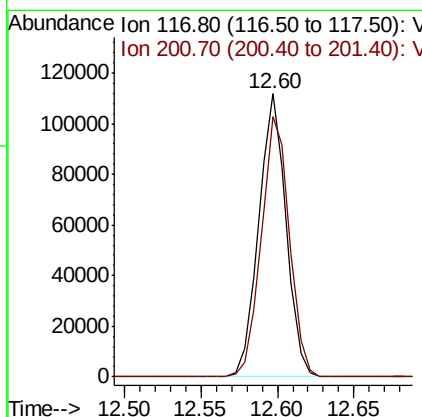
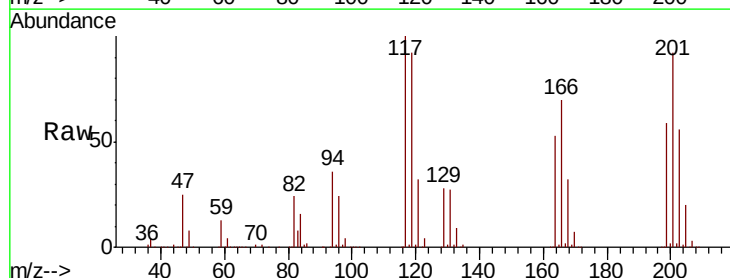
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

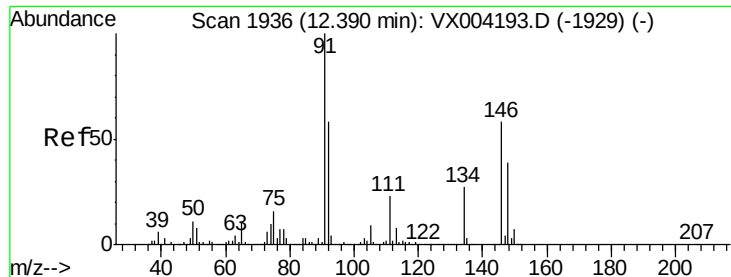
Tot Ion: 91 Resp: 871340
Ion Ratio Lower Upper
91 100
92 54.8 27.3 81.9
134 27.9 13.6 40.7



#90
Hexachloroethane
Concen: 59.43 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004361.D
Acq: 05 Sep 2018 10:09

Tgt Ion: 117 Resp: 139531
Ion Ratio Lower Upper
117 100
201 94.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 56.11 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

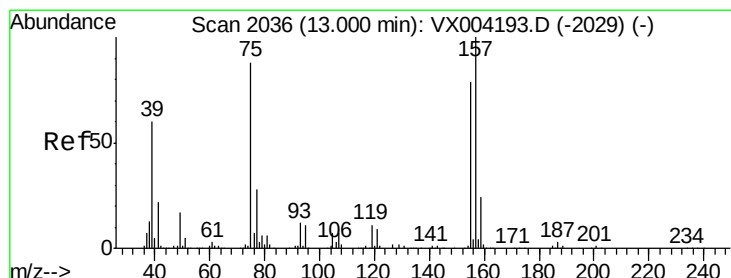
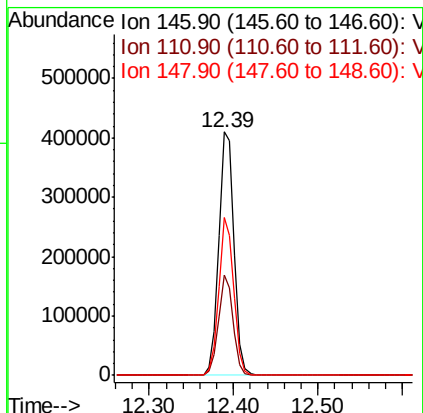
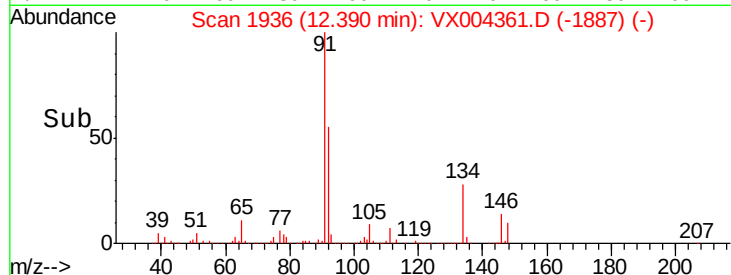
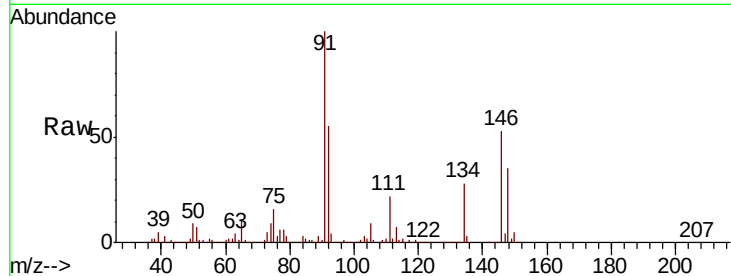
Tot Ion:146 Resp: 513137

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

148 63.4 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.02 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

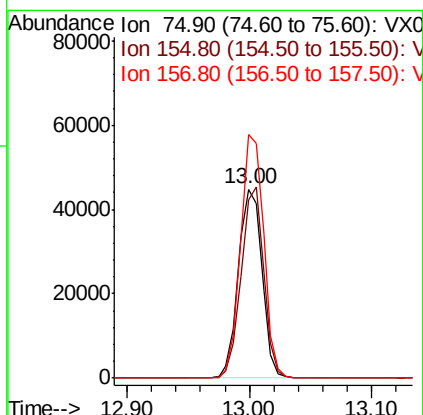
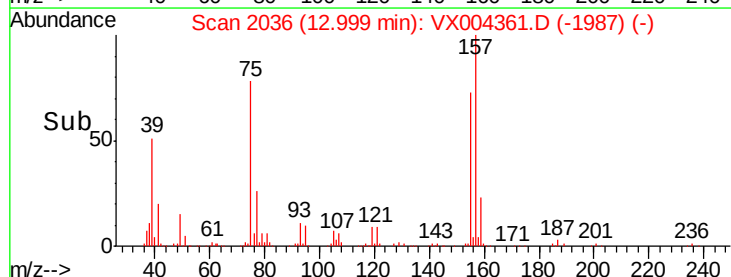
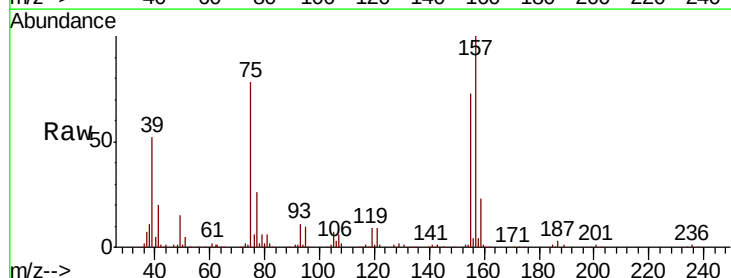
Tgt Ion: 75 Resp: 59579

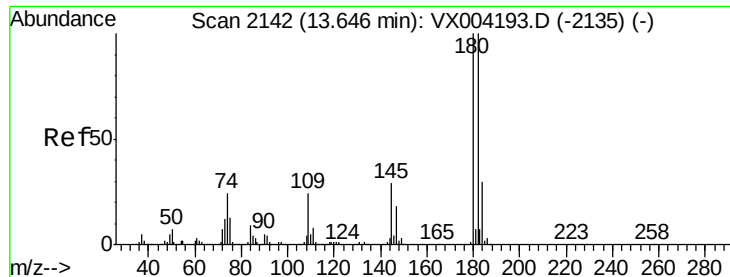
Ion Ratio Lower Upper

75 100

155 96.8 48.0 144.2

157 126.6 61.4 184.1

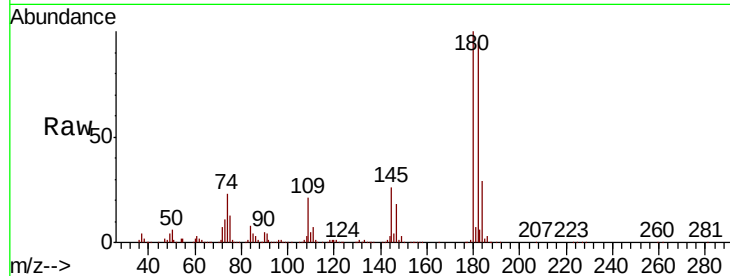




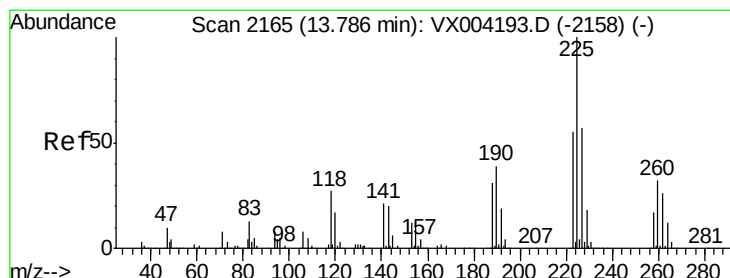
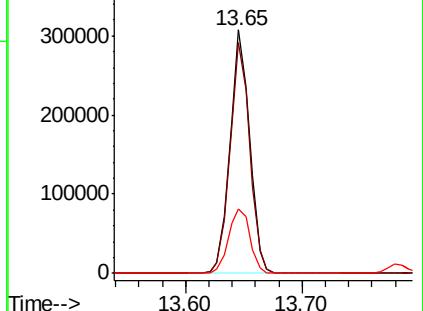
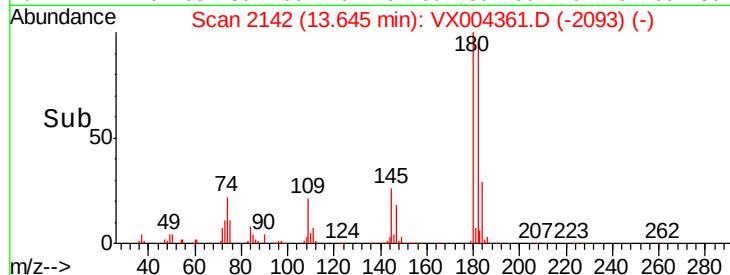
#93
 1,2,4-Trichlorobenzene
 Concen: 54.03 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 359568
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 28.8 14.3 42.9

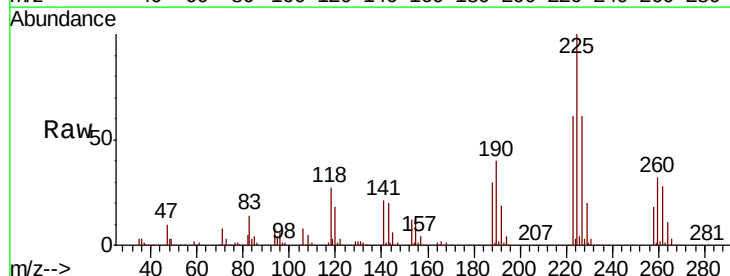


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

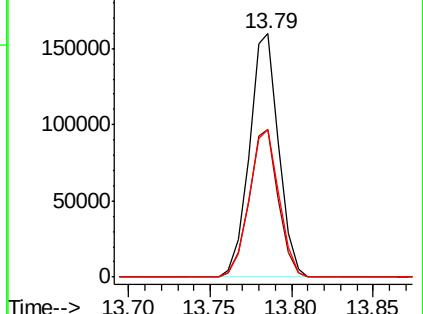
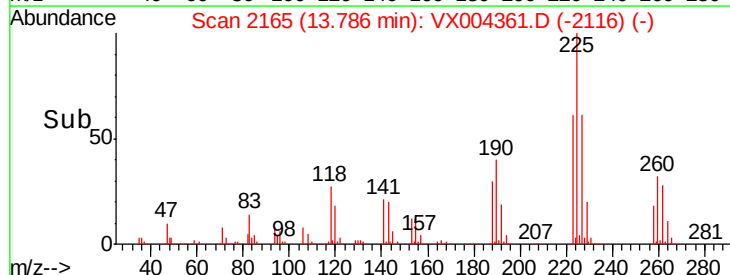


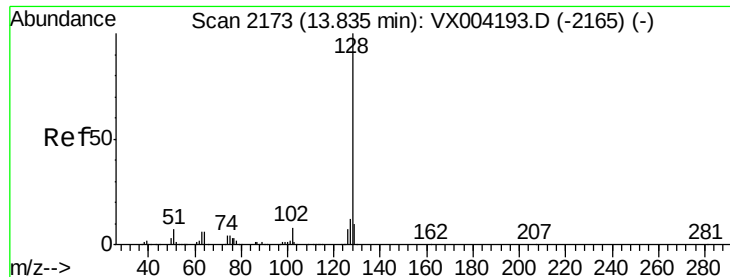
#94
 Hexachlorobutadiene
 Concen: 64.42 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004361.D
 Acq: 05 Sep 2018 10:09

Tgt Ion:225 Resp: 199290
 Ion Ratio Lower Upper
 225 100
 223 60.3 30.1 90.5
 227 61.7 30.8 92.4



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





#95

Naphthalene

Concen: 56.16 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Instrument :

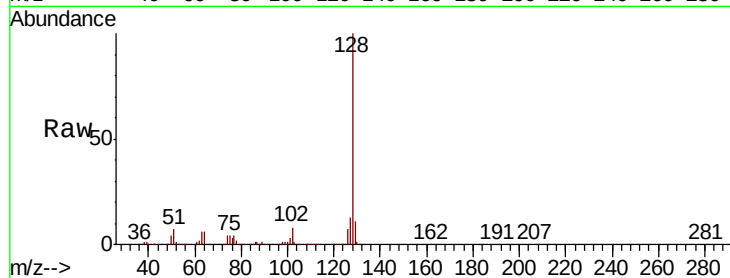
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1056999

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.6	12.8

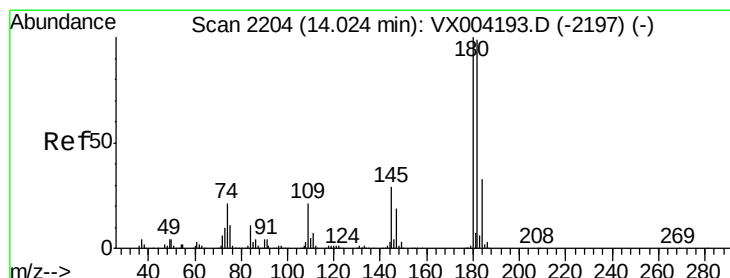
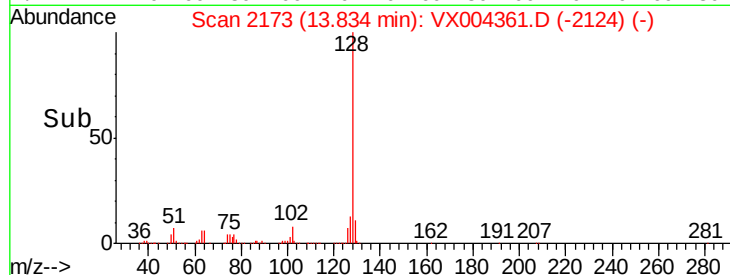
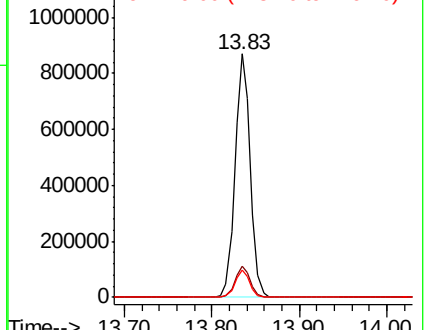


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.01 ug/l

RT: 14.02 min Scan# 2204

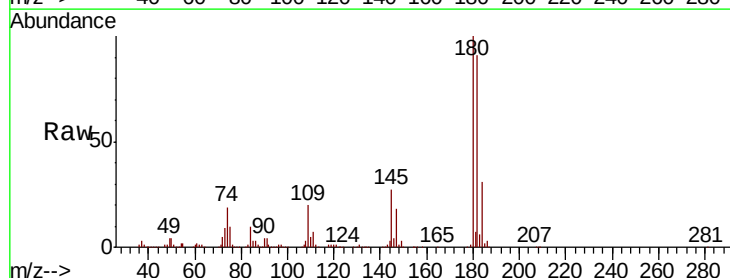
Delta R.T. -0.00 min

Lab File: VX004361.D

Acq: 05 Sep 2018 10:09

Tgt Ion:180 Resp: 394554

Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.5	145.6
145	28.7	14.9	44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

